20 GU

LIVRET D'AERONEF

AIRCRAFT LOG BOOK

AÉRONEF - AIRCRAFT

1. Marques de nationalité et d'immatriculation :
1. Nationality and Registration Marks : 20 GU

2. Classification — Catégorie : / Category : Voir Certificat de Navigabilité
2. Classification — Annotations — Mentions d'emploi : / Subdivision : Sans Objet

3. Type de l'aéronef :
3. Aircraft type : SOCATA TB 20

n° de série :
Serial No. : 655

4. Construction par :
4. Maker, place and date of construction : SOCATA

le / on 06/1986 à / at OSSUN

Livret établi à / Log Book established at PARIS le / on 01/07/86
(Place and date)

BUREAU VERITAS (Signature et Cachet)
Signature and stamp of Issuing Authority, Bureau Veritas

BUREAU VERITAS REGISTRE INTERNATIONAL

BRANCHE AERONAUTIQUE
Le Directeur

MODIFICATIONS APPORTÉES A L'AÉRONEF - AIRCRAFT MODIFICATIONS EMBODIED

Date Date	Détails des modifications Références aux décisions d'approbation Particulars of modification and Approval Authority	Visa Signature
5/19/90	Tach. 306.57 Installed Fuel Check Valve kit # 9128	A&P 1844079
6-29-90	TACH READS 319.14 hrs. INSTALL FUEL TANK KIT Nr. 9154	

MOTEURS - ENGINES					MOTEURS - ENGINES				
Marques Make	Types et Numéros Type and Number	Dates de montage sur l'avion Installed in aircraft	Dates de démontage de l'avion Removed from aircraft	Nombre d'heures de fonctionnement Hours running time	Marques Make	Types et Numéros Type and Number	Dates de montage sur l'avion Installed in aircraft	Dates de démontage de l'avion Removed from aircraft	Nombre d'heures de fonctionnement Hours running time
Lycoming	10-540-C4D5D								
	n° L 23149-48A			3H20					

HÉLICES - PROPELLERS					HÉLICES - PROPELLERS				
Marques Make	Types et Numéros Type and Number	Dates de montage sur l'avion Installed in aircraft	Dates de démontage de l'avion Removed from aircraft	Nombre d'heures de fonctionnement Hours running time	Marques Make	Types et Numéros Type and Number	Dates de montage sur l'avion Installed in aircraft	Dates de démontage de l'avion Removed from aircraft	Nombre d'heures de fonctionnement Hours running time
Hartzell	HC-C2YK-I BF								
	m: CH-28139								
	Pales F 8477-4								
	m: F 73742								
	et m: F 73745								
HARTZELL	HC-C2YK-10F-F8477-4		11-2-84						
RTR FOR RE SEAL		12-1-84							
GROUND CHECK	ON AH 26682684		[illegible]	[illegible]					

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
	socata TARBES **STATEMENT** Altimeter/Static and altitude reporting equipment systems have been tested and inspected per appendices E and F of part 43, as required by F.A.R. 91.171, Calibrated to Dated June 18, 1986 Signed	U.S STANDARD AIRWORTHINESS CERTIFICATE ISSUED ON 2 JUL 86 INSTALLED IN AIRCRAFT ON BEHALF OF F.A.A. (ALU 100) ON 2 JUL 86 BUREAU VERITAS REGISTRE INTERNATIONAL de DISTRICT TOULOUSE
	socata TARBES **STATEMENT** Transponder has been tested and inspected and found to comply with appendix F of Part 43 in accordance with FAR 91.172. Dated June 18, 1986 Signed	

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
7/27/87	Reassembled aircraft I/AW TB-20	
	Maintance Manual	J Stribling A&P 1910203
7/28/87	SB 30 Main Landing gear boxes stiffeners	
	Installed as per Socata Technical Instructions	
	No. 9130 See 337 This date	Clarence R. Butler IA 1850494
7/29/87	I certify this Aircraft S/N 655 model TB-20	
	was inspected in accordance of the Annual	
	Inspection and found Airworthy	Clarence R. Butler IA 1850494
7/30/87	Test Flight required for Reassembly of	
	Aircraft and a Annual Inspection	
7/30/87	Test Flight completed following	
	reassembly & annual inspection. Aircraft	
	found airworthy	[illegible] 1391328

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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1-5-87	TOTAL HOURS 31.44 INSPECTED FRAME #9 IAW. SERVICE BULLETIN #35 NO FAULTS FOUND AT THIS TIME.	[illegible] AIP 567 04 [illegible]
8/10/88	TACH. 80.91 HRS. REPLACED all BRAKE PADS, REPLACED left main TIRE, performed RETRACT TEST off LANDING GEAR, LUBED all hinge points, normal and EMERGENCY EXTENSION satisfactory (5 times) REPLACED landing light, LUBRICATED all hinge points and flight CONTROLS. Complied with all AD's - see RECORD in REAR of LOG. Complied with SOCATA SERVICE BULLETINS - Nr 28 AILERON BALANCING by INSPECTION (PARA A), C/W Nr 29 STABILATOR CONTROL ROD PER PARA. B, REPLACED CONTROL ROD ASSY. — C/W Nr 33 HYDRAULIC BRAKE LINE ATTACHMENTS by INSTALLING SOCATA KIT # 9139 — OVER -	

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward					
			C/W Nr 34. LANDING GEAR HYDRAULIC LINE by REPLACEMENT of LINE PER KIT # 9137. C/W Nr 35/1 HORIZONTAL STAB. ATTACHMENT PER PARA. INSPECTION of FRAME 9 - NO CRACKS FOUND.						
			Tach Time 80.91 hrs Total Time 80.91 hrs I certify that this aircraft/engine has been inspected in accordance with a ANNUAL inspection & was determined to be in an airworthy condition. Pertinent details are on file at this agency under Work Order No. 9806 Date: 8/10/88 Signed D Edwards I.A. 1179255 for TOPP OF TAMPA AIRPORT, INC.						
				A reporter ..... Carried forward					

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
8/10/88	TACH: 80.91 Removed Altimeter & installed serviceable one.	
	I certify that the static pressure system, each altimeter instrument, and each automatic reporting system tests and inspections required by FAR 91.171 have been performed. 1. The static pressure system was tested on 7/13/88 2. The altimeter instrument was/were tested to 20,000 ft. on 7/13/88 (pilot/co-pilot). 3. The automatic pressure altitude reporting system was tested to ____ ft. on ____ Signature Curtis B Mitchell Certificate No. 19748602L A&P	
8/15/88	Tach 81.39 hrs. Replaced Landing Gear Hydraulic Generator - Tested A/C and Performed satisfactory Retract Test. R.D. Radder A&P 577688606	

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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			Report ..... Brought forward .						
9/15/88	TACH 92.2166		Replaced Right Main Gear Actuator.						
			Performed Satisfactory Retract Test (5 in)						
			Complied with Socata Service Bulletin						
			SB-28 (Aileron Balancing) Per Modification						
			Kit # Nr 9125 Installation Instructions: Russell D. Rudder						
			A&P 577688606						
9-30-88			Installed Northstar M1 in center of						
			instrument panel. See 337 this date for						
			further details						
			NEW E.W. 1870						
			NEW C.G. 37.82						
			NEW MOMENT 70728						
			A reporter ..... Carried forward.						

SUPERSEDED 7-3-89

ORLANDO AVIONICS CORP.
F.A.A. Approved Repair Station # 764-108
Executive Airport, Bldg. 180
Orlando, FL 32803 (407) 894-9963

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Aviation Parts
Ft. Lauderdale Executive Airport
5500 N.W. 21 Terrace, Bldg. 7 ● Ft. Lauderdale, FL 33309
FAA # 765-31

SERVI(

Dates Date	Détails vérifications et travaux entret Modifications — en ... Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
2/15/88	Tach 128.2hrs Adjusted idle mixture, Removed and Reinstalled Directional Gyro, Complied with AD 87-22-02 and Socata Service Bulletin 35/1 "Horizontal Stabilizer Attachment Flange-9" by Installation of OPT 9145 kit. — Russell D. Rudder A&P 527683666	
10-4-89	TACH TIME 196.19 REPLACED ELT BATTERY WITH NEW PART INSTALLED 4 NEW STATIC WHIPS REMOVED FUEL PUMP DUPES PUMP OVERHAULED BY FAA REPAIR STATION # KB2R946K REPLACED FUEL PUMP I.A.W.S.M REMOVED ALL ACCESS PANNELS LUBED ALL CONTROLS REPLACED ALL PANNELS, SERVICED BATTERY REMOVED TRIM JACK SCREW CLEANED LUBED AND REINSTALLED I.A.W.S.M C.W. ALL AD'S CHECK THREW 89-15-10 GROUND CHECK ALL SYSTEMS IN THE GREEN. —END— Anthony R St Germain A&P 2662 7847	

able Part

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
	T.T: 196.19 . TACH READ 196.19			Report ..... Brought forward .					
	I CERTIFY THAT THIS AIRCRAFT HAS BEEN								
	INSPECTED IN ACCORDANCE WITH A ANNUAL								
	INSPECTION AS WAS DETERMINED TO BE								
	IN AIRWORTHY CONDITION								
	10-4-89 Anthony R St Germain DATE INSPECTOR'S SIGNATURE A.I. NO. 266922817								
4-22-90	Tach time 300.0		CW AD	90-02-18		By	Installation of		
			Weldon pump	kit 9156	-9132		Installation		
			Accomplished	in accordance		with	Assembly		
			Instructions	# 644.00		Aircraft	Test		
			Flown this	date all		Systems	with in limits		
			AP 266 826844						
				A reporter ..... Carried forward.					

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Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
5-19-90	Tach. 306.57 Installed fuel check valve kit #9128. Run engine checked for leaks ok.	AP 184407
5-25-90	Tach 307.12 Installed new actuating cyl. Right main gear. Retraction ✓ performed as per service manual. Checked for leaks ok. See attached service tag	AP 184407
6-29-90	TACH 319.14 hrs. Installed KIT No. 9154, FUEL TANK MODIFICATION DRAINED AND SEALED ALL SENDING UNIT FLOATS. R+R RH TIRE AND BRAKE PADS. ALSO REPLACED LH. FUEL LINE (TANK TO FUSELAGE) P/N TB20.52.000.003(2). FILLED AC WITH FUEL NO LEAKS EVIDENT, A/C TEST FLOWN.	A&P #31466286 I.A.

ALT -1000 | SCALE ERROR | TOL 30' | ALT 1000 | FRICTION | TOL 70'

-- AFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					
9-25-90			FAR 91.171 ALTIMETER(S), ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43. ALTIMETERS(S) CERTIFIED TO LT 20,000 FEET. RT. — FEET DATE 9-25-90 WO# 1121 SIGNATURE [illegible] FLIGHTLINE AVIONICS INC. 2793 Flightline Ave. Hanger 4 Westside Sanford, FL 32773 CRS# FXQR922K						
							The ATC transponder tests and inspections required by FAR 91.172 were performed on this date and found to comply with FAR 43, Appendix F. Transponder #1 S/N Transponder #2 ~~S/N~~ Details of this inspection are on file at Repair Sta. 764-117. WO# 1121 Dated 9-25-90 Signature [illegible] INSP FXQR922K		
							FLIGHTLINE AVIONICS INC. 2793 Flightline Ave. Hanger 4 Westside Sanford, FL 32773 CRS# FXQR-922K		
				A reporter ..... Carried forward.					

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Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
29-90	TACH READS 319.141 hrs. Installed fuel tank (LH) AIT 9154. [illegible]	
11-4-90	TACH READS 383.8 hrs. TTSNEW Annual Inspection Complete. Lubed and inspected entire aircraft per Socata Inspection Guides. Replaced vacuum regulator filter, all brake pads, and locking washer on LH main gear axle nut. Replaced nose tire and LH main gear tire, packed all wheel bearings. Removed corrosion from shock strut (LH) upper piston. Wiped all exposed pistons with hydraulic fluid. Gear retraction test performed, emergency extension complete found ok. Checked hydraulic reservoir, ok. Checked A.D.'s thru 90-20. ELT operation checked, ok. Battery due-AUG 91-.	
	I CERTIFY THAT THIS ~~AIRCRAFT~~ AIRPLANE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. T.T. 383.8 hrs. SIGNED [illegible] LIC.# AP #3146628 61 IA DATE 11-4-90	

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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				Report ..... Brought forward .					
2-21-91	TACH READS: 432.9hrs. Installed NEW master switch AREA placard. Replaced missing static discharge wicks. Chk S.T. Hock A-P# 3146628-01								

MODEL TB-20
S/N 655
REG. NO. N20GU

ORLANDO AVIONICS CORP.
FAA APPROVED REPAIR STATION #TPAR552M
P.O. BOX 140741 • ORLANDO, FLORIDA 32814
TELEPHONE (407) 894-9963

DATE 12-8-89
T.T. 200
HOUR/M

Installed 3M WX-1000 Stormscope system in right hand instrument panel. See FAA Form 337 dated 12-8-89 for further details.

J. Weff

				A reporter ..... Carried forward.					

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Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
3-25-91	TACH READS: 457.0 hrs. Installed new window in pilots door. C/W A.D. 91-05-02 Lower firewall inspection, found ok per S.B. Nr. 42/1, next inspection due at 957 hrs. TACH TIME. C/W S.B. Nr. 55 Engine air inlet filter, found correct type installed (BA7112). Chris D. Mock A+P # 3K662861	
5-8-91	TACH READS 471.44 C/W A.D. 90-25-17 OIL COOLER INSP. BY VISUAL MEANS. C/W S.B. NR 57 IAW S.B. NR 57, INSTALLED NEW WASHERS + SELF-LOCKING NUTS, SPOT PACKED WEIGHT w/ MINIMUM WT. CHANGE. THREAD ENGAGEMENT OK. Douglas P Hall A+P 044-50-9848	
6-10-91	Total 600 Removed and Replaced Prop Control Cable P/N TB20-57-005-002	[illegible] A+P 373 41 58
6-12-91	Removed Intercom system. Installed Telex PC-4 intercom with Music input. Installed Hairy com adapter. No w+B Changes.	CARROLL AVIONICS, INC. WESTERLY AIR SERVICE BLDG. STATE AIRPORT WESTERLY, RI 02891 E. Carroll 2377604 F.A.A. REPAIR STATION UQ 5R 258 N

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				Report ...... Brought forward .					
				....ard.					

Durée totale des v...
Total flying time

CORROSION BLOCK
TREATMENT CENTER

REEVES AIR, INC.
Airport Road
Westerly State Airport
Westerly, RI 02891

JULY 19,91 — TREATMENT DATE
JULY 92 — NEXT TREATMENT DUE

№ 2659

517 — TACH TIME
N20GU — AIRCRAFT SN OR N NUMBER

I certify that this aircraft has been treated with ACF-50 (Mil-C81309D) to prevent or arrest corrosion. Treatment is effective for 12-18 months, based on environmental conditions. It is recommended that the above be retreated at each annual, or when effectiveness ends – as determined by either time or visual inspection.

[signature] — TECHNICIAN'S SIGNATURE
40609986 AP IA — A & P NUMBER

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority

Airframe

LOG BOOK ENTRY

A/C REG: N20GU A/C S/N: 655

DATE: 8-23-91	A/C TOTAL TIME:	HOUR METER: Tach: 537.
W/O NO: 4875	ENGINE TOTAL TIME	S.M.O.H.

1. Replaced the Plastic Floats in both right wing fuel senders and BOTH ~~one inboard~~ left wing fuel senders. Resealed the fuel senders with new fuel gaskets and sealant. Leak check completed satisfactory.
2. Removed and replaced the aileron support arm, P/N TB10.11.003.005 in accordance with SOCATA Maintenance Manual instructions.

MAINTENANCE RELEASE

THE AIRCRAFT AIRFRAME, ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO # 8-23-91 DATE 8-23-91 SIGNED
FOR COLUMBIA AIR SERVICES, INC. FAA CERTIFIED REPAIR STATION # S05R204N GROTON, CT 06340

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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				Report ..... Brought forward .					
12-12-91	Tach 567 TTAC 567		AIRFRAME-Jacked aircraft, removed wheels, packed bearings & gear, checked brakes, checked retraction & emergency extension. Checked [illegible] & battery. Checked all control [illegible] as needed. Removed all inspection plates & checked structure. Checked cockpit, [illegible], seats, lights & instrument operation.						
			Replace 3 Static wicks			P.N. TB20.	61.914.001		
			Replace Elt batt pack			P.N B52166	Due again 8-93		
			Replaced LH Main tire with tire supplied by owner						
			operator Canoot 15-6-6 GPR						
			Replaced all main gear Brake linings				P.N 66-106		
			Replace O rings on Nose gear Accuater				Replaced Nose		
			Gear Gas Balance Rods. Remove and Rep 1000						Top
			of Rudder Attach bracket on Vert. Fin				P.N TB20-31010-000		
			Replace Replace Hinge on RH Main Gear Door						
			Replace Hinge pin Assy. LH Inbd. of Elev trim tab						
			See Next Page						
				A reporter ..... Carried forward.					

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12-12-91	91-15-10 CW AD 91-12-19 Rev SB TB57 by Inspector	
Feb 66	Horizontal Stab. Balance weight	
Feb 66	I certify that this aircraft has been inspected in accordance with a Annual inspection and found to be in airworthy condition. Date 12-12-91 Signature 567HAC	Larry Farrell IA 37341529
	ATC TRANSPONDER TESTS AND INSPECTIONS REQUIRED BY FAR 91.413 WERE PERFORMED ON 10-02-92 AND FOUND TO COMPLY WITH FAR PART 43 APPENDIX F. INSPECTOR [illegible] WORK ORDER A11632 MAKE KING MODEL KT76A SERIAL 47373	VIP AERO INSTRUMENTS & AVIONICS BRAINARD AIRPORT HARTFORD, CT 06114 FAA REPAIR STATION NO. TH5R223N

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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				Report ..... Brought forward .					
			FAR 91.411 HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH PART 43 APPENDIX E PARAGRAPH X C X D. THIS ALTIMETER HAS BEEN TESTED TO 20,000 FEET AND FOUND SATISFACTORY FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS FACILITY. INSPECTOR ____ WORK ORDER A11632 MAKE IAR MODEL IAR 45-20 SERIAL 011 DATE 10-23-92						
							ATC TRANSPONDER TESTS AND INSPECTIONS REQUIRED BY FAR 91.413 WERE PERFORMED ON 10-23-92 AND FOUND TO COMPLY WITH FAR PART 43 APPENDIX F INSPECTOR ____ WORK ORDER A11632 MAKE KT76 MODEL KT76A SERIAL 47373		
			VIP AERO INSTRUMENTS & AVIONICS BRAINARD AIRPORT HARTFORD, CT 06114 FAA REPAIR STATION NO. TH5R223N				AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM TESTED TO 20000 FEET AS REQUIRED BY FAR 91.411 IAW FAR 43, APP. E, PARA. C. INSP ____ WORK ORDER A11632 MAKE DARCO MODEL IAC-850 SERIAL 11257 DATE 10-23-92			
				A reporter ..... Carried forward.					

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12-04-92	CERTIFIED STATIC SYSTEM PER FAR 91.413 WITH FAR 43 APPENDIX E, PARA. A	IN ACCORDANCE VIP AERO INSTRUMENTS & AVIONICS BRAINARD AIRPORT HARTFORD, CT 06114 FAA REPAIR STATION NO. TH5R223N
1-11-93 Tech	AIRFRAME-Jacked aircraft, removed wheels, greased bearings & gear, checked brakes, checked retraction & emergency extension. Checked electrical system & battery. Checked all controls & oiled as needed. Removed all inspection plates & checked structure. Checked cockpit, belts, seats, lights & instrument operation. 733.65	
1-11-93	733.65 Replaced Both Main Landing gear Brake Disks pn 164-01900 and all Brake linings pn 66-106 Replaced Carb Air Inlet Filter CWAD 91-12-19 on Elev counter weight by Inspection Tightened bolt on RH Gear Door Attach Checked AD Compliance See AD History Rear of log book I certify that this aircraft-~~engine~~ has been inspected in accordance with an Annual inspection and determined to be in airworthy condition. Date 1-11-93 Time 733.65 FA 373 41 529	
1-16-93	Installed Graphic Engine monitor and Precise Flight Vacuum pump Prop warning Light See FAA Form 337 this Date	
New	EW 1884 New CG 38.3 New Useful Load 1213 FA 373 41 529	

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			Report ..... Brought forward .						
5-12-93	TACHE TOTAL	752.2	Installed Daotron outside air temperature Indicator in accordance with manufacturer installation instruction complete and file pay 327 — Michel A Bruin 1A015389017						
9-15-93		765.1	C/W AeroSpecial S/B #52 by Removing Lt & RT Fuel Tank Access Panels Cleaned Area of Sealer & Resealed With Proper Sealant (PR1403G) As instructed in Service bulletin. Walter [illegible] A&P Mechanic						
			A reporter ..... Carried forward.						

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates / Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales / Modifications — Essais en vol / Particulars of inspections and maintenance — Minor or major overhauls / Modifications — Test flights	Cachet — Signature réparateur / Organisme de contrôle / Stamp and signature of overhauler and of controlling Authority
11-7-93	TACH 806.61 SERVICED AND INSTALLED NEW BATTERY PROVIDED BY OWNER Robert C Pabst AP3953 4005	
	N20GU Tach 831.6 Work Order# 17156 Removed Northstar M1 system. Installed Northstar GPS600 with AT575-9 antenna. All work done I.A.W. AC43.13-1A chapters 11, 13, & 15, AC43.13-2A chapters 1, 2, & 3, and manufacturers instructions. GPS is placarded for VFR only. Functional check satisfactory. New empty weight 1884.5 New E.W.C.G. 38.3 New moment 72145.2 New useful load 1212.5 Walter Chena 1/6/94 the radio shop inc. airport worcester, ma 01602 FAA Repair Station TD5R219N	

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward					
2-24-94	TACH & TOTAL	857.	4 Opened all inspection panels, inspected all control surfaces and attach points. Replaced Left outboard elevator trim tab hinge and P/N TB20.34.001.114 and .115 hinge and P/N TB20.34.001.117 P/N. Replaced E.L.T battery, new battery replacement date is 2-96 A.D Log in lieu of A/F logbook.						
				A reporter ..... Carried forward.					

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
6-22-94	TACH 856.0 Removed and replaced wrenched assembly with O.E.M. Part. Sled and Screw wrenched in place. — Michael A. Brewer	AP01539017
3-19-94	TACH 875.0 Removed and replaced nose gear tire and Left main tire. — Walter Moore	A&P 1422624
0-13-94	892.0 Complied with Service bulletin #47 on lubrication of all landing gear articulated Step. — Michael A. Brewer	01539017

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					
			N20GU Tach 894.7 Work Order# 17962 FAR 91.411 has been accomplished I.A.W. Part 43 Appendix E, Paragraph A,B,C. The altimeter has been tested to 20000 feet. Altimeter: IFR IFR45-20 #011 Encoder: Narco AR-850 FAR 91.413 has been accomplished I.A.W. Part 43 Appendix F. Transponder: King KT-76A #47373 10/20/94 the radio shop inc. airport worcester, ma 01602 FAA Repair Station TD5R219N						
				A reporter ..... Carried forward.					

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
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Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
3-15-95	TACH & TOTAL 937.9 Opened all Inspection Panels Inspect control surfaces and attach points, lubricate as required. Replaced all main gear brake lenings. Service and Chg aircraft battery. Complied with AD91-05-02 on inspection of firewall and landing Gear attach area. S.B. due every 500HRS. Perform Gear retraction, normal and emergency. Service hydraulic reservoir. Landing Gear and brake system. Complete AD list in rear of the logbook.	

I certify that this Aircraft N2064 has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition.

Michael A. Berger

Date 3-15-95 Inspection Authorization 015589017

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Heures Times Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					
4-12-96 TACH & Total 1043.1			Opened all Inspection Panels and Inspect all Control Surfaces and attach point. Removed and replaced E.L.T battery and Inspect ELT as per 91.207(d) new battery replacement date is 2/98. Removed and replaced all (4) fuel Sender units and Gaskets. Perform landing Gear retraction test manual and emergency. Found OK. Service hydraulic reservoir and brake reservoir. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Walter Moore AME 42266 VIA					
				A reporter ..... Carried forward.					

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature répa[illegible] Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
5-3-96	1043.8 Replaced Left Side Interior fuel Line assembly P/N TB20-52000005	Walter J Moore A&P1422624
5-29-96	TACH 1059.1 Removed and Replaced Aircraft windshield assembly with manufacturer Supplied Kit. #TB21.24601101 also replaced fuel Pump Circuit breaker/Switch.	Walter J Moore A&P1422624
7-12-96 TACH 1063.14	Complied with Service bulletin #49 by Installing Kit #OPT10916500 on More Gen and Kit # OPT10916600 on Each main Gen. Before Ground Operational test, found OK.	Walter J Moore A&P1422624

ETIQUETTE D'IDENTIFICATION
INSPECTION TAG
PIECES REVISEES
CUSTOMER SUPPORT
2 930 - 65009 TARBES CEDEX

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
10-24-96	TACH 1087.3			Report ..... Brought forward.					
	Removed and Replaced Landing Gear with Overhauled Exchange unit. See Balance rods (2) P/N 200N7070110709. Performed Operational test of landing Gear Normal and Emergency all found OK.			Hydraulic Power Pack P/N		Pack P/N	HYC5005	S/N AH	-5119
					Walter J. Moore AME 1422 6 24				
				A reporter ..... Carried forward.					

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
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Test Alt reads	Alt reads	Tol-erance								
47373			X	X	X	70	X	70	70	X

17

Dates
Date

Détails vérifications et travaux entretiens — Révisions partielles ou générales
Modifications — Essais en vol

Particulars of inspections and maintenance — Minor or major overhauls
Modifications — Test flights

Cachet — Signature réparateur
Organisme de contrôle

Stamp and signature of overhauler
and of controlling Authority

N20GU Tach 1092.2 Work Order# 19660

FAR 91.411 has been accomplished I.A.W. Part 43
Appendix E, Paragraph A,B,C. The altimeter has
been tested to 20000 feet.

Altimeter: IFR IFR45-20 #011
Encoder: Narco AR-850

FAR 91.413 has been accomplished I.A.W. Part 43
Appendix F.

Transponder: Bendix/King KT-76A #47373

Walter Chenard 11/11/96
the radio shop inc. airport worcester, ma 01602
FAA Repair Station TD5R219N

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
4-18-97				Report ..... Brought forward.					
TACH. 11	4.3. ÉTOTAL								
			Opened all Inspection Panels and Inspect Control Surface and attach Points. Replaced ~~all~~ Right main Gear Brake lines. Cleaned and lubricate all brake Pins. Inspect E.L.T as Per 91.207(d) Battery Replacement Date in 4-98. Replaced Nose Gear Tire and Left main tire. Perform Operational test of Landing Gear Normal and Emergency. Service hydraulic reservoir.					
			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Walter Moore AME 422624 IA						
				A reporter ..... Carried forward.					

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
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Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
6-10-97 TACH. 1124.29	Removed and Replaced Inboard left and Right elevator Trim Tab hinge and hinge Pin assemblies also rudder trim tab hinge and Pin assemblies. also replaced Propeller Governor and and bearing in all parts Supplied by manufacturer	Michael A. Brown 015389017
12/3/97 TACH: 1174.4	R+R Landing light bulb #4509. Larry Leum	
2/21/97 TACH 1191.0	R+R 4 (FOUR) BROKEN STATIC WICKS. REPLACED WITH 4 NEW WICKS SOCATA PART # TB20-61911001 R+R PASSENGER SIDE DOOR SEAL. REPLACED WITH NEW SEAL SOCATA PART # 200.N4241491604 Larry Leum	
4/10/97	ARTEX AIRCRAFT SUPPLIES, INC. 10714 S. Towne Rd. Canby, OR 97013 (503) 266-3359 800-547-8901 LOG BOOK ENTRY E.L.T. BATTERY REPLACEMENT DATE 5/00 Replaced ELT battery w/ Narco 2 year. Tested O.K. Due again 5/00 Larry Leum	

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					
4-21-98	TAH 1202.9								
			Complied with AD	98-04		by Installation of Kit			
			Socata Service Bulletin	SB 10		-103.			
						Walter Moore MEP 1422624			
				A reporter ..... Carried forward.					

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

SOCATA AIRCRAFT
North Perry Airport
Pembroke Pines, Florida
FAA Approved Repair Station URZR891L

May 8, 1998 S/N 655 N 20GU Tach.1212.06 W/O # 1207

1. Installed left and right sun visor support bracket P/N ZOON7788014136.
2. Replaced L/H cabin interior's snap buttons with new P/N ZOON7079745171.
3. Replaced flap position printed circuit P/N TB20 61095000.
4. Replaced flap position indicator P/N TB20 61097002 Ops checked good.
5. Replaced L/R instrument panel faceplate snap buttons P/N ZOON7193144404 and ZOON7193144402.
6. Replaced co-pilot brake master cylinders P/N ZOON6043077221, bled brake, and leak checked.
7. Replaced parking brake "O" rings per Kit No.199-527 leak checked OK.
8. Replaced loose rivets on rudder lower attachment bracket by bolts and nuts per Kit # OPT10 9126 per SOCATA Technical Instruction # 9126.
9. Replaced L/R wing root seals P/N TB1009130102.
10. Replaced 5 broken head rivets on right wing trailing edge next to flap inboard end.
11. Replaced L/H brake linings P/N ZOON7313730000.
12. Replaced broken nose gear stop block P/N ZOON7103702301.
13. Replaced all 3 brake reservoir gaskets P/N ZOON7423527101.
14. Replaced L/H step P/N TB1028007006.
15. Temporary removed NARCO ELT Transmitter S/N A30058 for inspection, placard stating ELT NOT INSTALLED is displayed in clear view of the pilot.
16. Replaced landing gear emergency valve's "O" rings P/N ZOON7423070720, gear cycled and leak checked OK.
17. Replaced 6 intake pipe adapters P/N 69603.
18. Replaced 6 intake gaskets P/N 71973.
19. Replaced corroded static discharge hardwares with new.
20. Installed L/H door gas rod lock cap P/N ZOON5730002060.
21. Installed baggage loading limit decal P/N TB1072048100.
22. Replaced corroded rivets in L/R wing spar area.
23. Cleaned off corrosion and treated see attached discrepancy sheet for details.
24. AD 87-22-02R1 Visual inspection for cracks at frame No.9 found OK.

Continued next page.

Airframe continued

25. C/W AD 90-25-17 Visual inspection of engine oil cooler found OK.
26. C/W AD 91-15-10 Visual inspection of Horizontal stabilizer balance weight found OK.
27. C/W AD 93-02-05 Visual inspection of fuel injection lines found OK.
28. C/W SB 10-042/1 Visual inspection for cracks on frame No.0 firewall found OK.
29. C/W SB 10-044 Visual inspection of front seat belt lower attachments found OK.
30. C/W SB 10-049 Visual inspection for cracks of console side on frame No.0 found OK.
31. C/W SB 10-058/1 Visual inspection of catches on cabin access doors found OK.
32. C/W SB 10-067 Fuel tank air vents system,replaced vent hoses per instruction in SB.
33. C/W SB 10-071 Rudder balance weight found corrosion between weight and skin,cleaned, treated,applied Mastinox and reinstalled per instruction in SB.
34. C/W SB 10-084 Inspection of wing ribs,fuel tanks area found no defect.
35. C/W Lyc.SB 518C, found N/A by S/N,Thermostatiic bypass valve installed is P/N 75944 S/N 221283.
36. Removed and reinstalled rudder per M/M chapter 55-40 for lower attachment bracket Modify see Item 8.
37. Replaced vacuum filters P/N ZOON7284010901/B3-5-1.
38. Replaced Manifold inlet filter P/N ZOON7284480058.

- Airframe,Engine,Propeller and Appliances ADs researched through Rev.98-09 see AD compliance report.
- List of discrepancies did not corrected at this time selected by aircraft owner has signed and provided to the aircraft owner.

I certify that this Aircraft has been inspected in accordance with an annual inspection per FAR 43 Appendix D and was determined to be in airworthy condition.

c/w. SB. 10-092 Application of anti-corrosion protection.

I certify that this Aircraft/~~Engine~~/Propeller/ Appliance has been inspected/~~repaired~~ in accordance with an ANNUAL Inspection and determined to be in Airworthy condition. Permanent details on file under W/O# 1207 and copy given to customer.
Acft. T.T. 1212-06
Engine T.T. 1212-06 Date 5-8-98

Signature K. Phongsavath
CRS-URZR891L.

Required functional test flight in accordance with manufacturer's specifications and the flight manual has been accomplished. Aircraft exhibits normal flight characteristics.

Wayne Miller 1626752
Flight Test

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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5-21-98	TACH. 1222.0	I	report E.L.T	Pr	Report ..... Brought forward	91.207(d)	battery	replacement	
		date	to 5/00. —	Michael A. Bunin		0153 8919			

CRS#: TH5R223N
VIP AVIONICS, INC.
BRAINARD AIRPORT
HARTFORD, CT 06114

11/11/98
N20GU
TB-20
A/C TT: 1253.93

WO# 2175
SOCATA
S/N: 655

IAW. FAR 91.411 has been accomplished IAW Part 43 app E para A,B,D.
This altimeter has been tested to 20,000 feet and found satisfactory for return to service. Pertinent details are on file at this facility.
Make: IFR Model: IFR45-20 Serial #: 011

Automatic pressure altitude reporting system tested to 20,000 feet as required by FAR 91.411 IAW FAR 43, app E. para. C.
Make: Narco Model: AR-850 Serial #: 11257

ATC transponder tests and inspections required by FAR 91.413 were performed and found to comply with FAR part 43 app F.
Make: King Model: KT-76A Serial #: 47373

David Kwak
AUTHORIZED SIGNATURE TH5R223N

A reporter .....
Carried forward.

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
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SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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5-7-99 TAH.	Installed Aero Sole Standby Vacuum System in accordance with STC SA7628SW, Revise Aircraft Weight and Balance, Complete and file form 337. Walter J. Moore A&P 1422624	
6-3-99.	TAH. & TOTAL 1291.8. Opened all Inspection Panels and Inspect cables and Pulleys. control Surfaces and Attach Points, lubricate as required. Replace Vacuum Pump 21100 S/N 73921 Aero Pump. also replaced filter in System. Inspect E.L.T as Per 91.207(d). Replaced Nose Gear Down Switch P/N. TB2061032005 C/W AD 87-22-02 R1 Visual Inspection for cracks Due 1391.8. AD 98-18-23 cracks in Main Landing Gear bracing not due at this time. Due to number of landing and T.I.S.	None found at this time

I certify that this Aircraft N206U has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition.

Michael A. Barnes

Date 6-3-99 Inspection Authorization 015389017

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					
				A reporter ..... Carried forward.					

CORROSION X™ AVIATION

TREATMENT CENTER

Grey Lady Aviation

№ 9750

7-20-99
TREATMENT DATE

N20GW
AIRCRAFT SN OR N NUMBER

I certify that this aircraft has been treated with Corrosion X (Mil-C81309E) to stop and arrest corrosion. Treatment is effective for 18-24 months, based on environmental conditions. Re-treating is recommended when effectiveness ends – as determined by either time or visual inspection.

TECHNICIAN'S SIGNATURE

2100210TA
A & P NUMBER

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
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12/20/99	Tach 1344. Replaced both fuel tank senders + gaskets in RH Tank. Joseph E. Gerard A&P 2040289	

SOCATA

AEROSPATIALE MATRA

North Perry Airport 7501 Pembroke Road
Pembroke Pines, FL 33023 FAA CRS # URZR891L

ARTEX AIRCRAFT SUPPLIES, INC.
10714 S. Township Rd. Canby, OR 97013
(503) 266-3959 800 547-9901
LOG BOOK ENTRY
E.L.T. BATT' / REPLACEM 'T DATE EXP JUNE 2002

Date	May 19, 2000	Aircraft Type	TB 20	SN	655	Registration	N20GU
Meter Time	1375.16	Tach	T. T. 1375.16			W/O No.	1543

Completed Annual inspection IAW FAR part 43 subpart D, aircraft was found to be in an airworthy condition. Replaced right main landing gear door attachment links, resealed left and right fuel tank panels, replaced upper cowling oil access door latch, replaced upper and lower hinges on rudder trim tab. Replaced left and right cabin door balancing rods, replaced engine oil pressure line, replaced engine driven fuel pump cooling hose, replaced flap attachment hardware. Replaced six loose rivets under fuselage, replaced landing gear emergency valve, replaced access doors forward and aft hooks and roll pin for latching mechanism, replaced #5 cylinder aft baffle, replaced ELT battery new expiration date, June 2002, replaced nose wheel assembly, replaced o-rings of left and right fuel caps, replaced CHT probes on #1 and #3 cylinders, replaced attach bracket for tail cone support. Replaced gasket on induction air box. Replaced left and right brake linings. Replaced placards in cargo compartment and main landing gear Replaced hardware under oil cooler. Replaced protective boot on oil temperature probe. Repaired co-pilot's locking mechanism, repaired upper atachment of balancing rod for co-pilot's door. Removed muffler, repaired by CRS # VUWR0480 under w.o. 0162 dated 5/17/00 and reinstalled. Cleaned and treated corrosion at aircraft I.D. plate and on rudder near trim tab hinge. C/W S.B 10-092 reapplication of corrosion protection C/W AD76-07-12 Bendix ignition switch, no defects noted. Checked AD's through AD2000-08-09, no new applicable. Perfomed ground run for operational and leak tests. Aircraft systems test normal. See Socata work order # 1543 for details.

Signature Dean Fantinato Dean Fantinato CRS # URZR891L.

I certify that this Aircraft/Engine/Propeller/ Appliance has been inspected/repaired in accordance with an annual **Inspection and determined to be in Airworthy condition. Permanent details on file under W/O#** 1543 **and copy given to customer.**
Acft. T.T. 1375.16
Engine T.T. 1375.16 **Date** 5/19/2000
Signature Dean Fantinato **DEAN FANTINATO**
CRS-URZR891L.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates / Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales / Modifications — Essais en vol / Particulars of inspections and maintenance — Minor or major overhauls / Modifications — Test flights	Cachet — Signature réparateur / Organisme de contrôle / Stamp and signature of overhauler and of controlling Authority
4/6/00	Replaced Pilots seat Belt assembly with	
mch	new P/N TB10 77013104 see Sirata WO. # 1552	
15/5/25	for Details Dean Continental CRS# W2R891L	

ALTIMETER CORRECTION CARD

ALT S/N 011 DATE: 10-20-00 INSP: E Rowley

TRUE	ERROR	TRUE	ERROR	ALT	FRICTION
-1000	0	14000	-60	1000	30
0	0	16000	-50	2000	40
500	0	18000	-30	3000	40
1000	+5	20000	-20	5000	60
1500	+20	22000		10000	60
2000	0	25000		15000	70
3000	+20	30000		20000	70
4000	+15	35000		25000	
6000	+5			30000	
8000	0			35000	
10000	-30				
12000	-60				

HYSTERISIS	
50%	+10
40%	+10

CASE LEAK	60' @ 15K

VIP AERO INSTRUMENTS AND AVIONICS
FAA REPAIR STATION #TH5R223N

10/20/00 WO# 5084
N20GU SOCATA
TB-20 S/N: 655
A/C TT: 1,438.2 HOBBS:

COMPLISHED IAW PART 43 APP E PAR A,B,D.
N TESTED TO 20,000 FEET AND FOUND SATISFACTORY FOR
TINENT DETAILS ARE ON FILE AT THIS FACILITY.
Ed Rowley
MODEL: IFR 45-20 SERIAL #: 011
ITUDE REPORTING SYSTEM TESTED TO 20,000 FEET
411 IAW FAR 43, APP E. PARA. C.
Ed Rowley
MODEL: AR-850 SERIAL #: 11257
ND INSPECTIONS REQUIRED BY FAR 91.413 WERE
COMPLY WITH FAR PART 43 APP F.
Ed Rowley
ODEL: KT76A SERIAL #: 47373
limits specified in FAR 91.171 for IFR operations.
E Rowley
THORIZED SIGNATURE TH5R223N

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

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				Report ..... Brought forward .					
12/4/00			Removed plastic wingtips and installed R.M.D. aircraft lighting inc. Fiberglass wingtips in accordance with Field approved 337 Form this date						
				Joseph E Herard A+P 2040789					
4/20/01			Tach 1478. Replaced all tires + tubes. Retracted gear. Joseph E Herard A+P 2040789						
				A reporter ..... Carried forward.					

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
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	N 20GU Tach 1500.6 Work Order# 22511 Removed Narco AR-850 s/n 47670. Unit repaired Narco Avionics 4/26/01, WO# 32741M. Reinstalled tested I.A.W. Part 43 Paragraph A and C. Satisfactory. Conrad P. Wordelowski 05/24/01 the radio shop inc. airport worcester, ma 01602 FAA Repair Station TD5R219N NARCO AVIONICS INC. SERVICE TAG MODEL # AR850 S/N 47670 DATE 4/26/01 W.O.# 32741 DETACH AND AFFIX TO LOGBOOK	

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					
6/1/01	Tach TTAF 1500		Jacked A/C checked + bled gear. Replaced nose gear balancing rods. Replaced Fuel Filter element. Replaced wing grounds. Replaced Load mount on engine. Replaced induction air Filter c/w AD 91-05-02 inspected Fuselage nose gear frame due again 2000 hrs. Checked ETIAN FAR 91.207(c)						
			I hereby that this Aircraft N200U has been inspected in accordance with the N A annual inspection and was determined to be in airworthy condition. Joseph E Heroux Pilot Date Inspection Authorization 2010789						
				A reporter ..... Carried forward.					

Durée totale des vols : depuis dernière R.C. : ..... depuis fabrication : .....
Total flying time since last major overhaul ..... Since manufacture .....

SERVICE DE L'AÉRONEF - AIRCRAFT

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Stamp and of
12-27-01	Replaced Vacuum Pump 211CL, S/N 98269	
TACH 1578.3		
	Joseph E Herard A+P 3040289	

8130-3

	1	98269	Overhauled

fication #203-6-1009

NE5R064N

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority

EADS SOCATA

North Perry Airport 7501 Pembroke Road
Pembroke Pines, FL 33023 / FAA CRS # URZR891L / JAA #5152

Date	January 22, 2002	Aircraft Type	TB 20	SN	655	Registration	N 20GU
Meter Time	1595.59	Tach		T. T.	1595.59	W/O No.	1889

1. Replaced static discharger wicks P/N TB2061911001 on rudder and L/H Aileron.
2. Dressed propeller blades.
3. Checked all landing gear tires pressure to Mfg. Specs.

I certify that this Aircraft/Engine/Propeller Appliance has been inspected/repaired in accordance with an Discrepancies Inspection and determined to be in Airworthy condition. Permanent details on file under W/O# 1889 and copy given to customer.
Acft. T.T. 1595.59
Engine T.T. 1595.59
Prop T.T. 1595.59 Date 1.22.02
Signature K. Phongsavath KAM PHONGSAVATH
CRS-URZR891L/JAA-5152

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					
	Tach + TTAF 1646. Jacket A/C checked + lubed gear. serviced battery. Replaced ELT Bracket + Battery + checked IAW FAR 91:207(c) battery date 8/04. IAW AD 2001-23-04 inspect Rudder lower hinge. due again 1746 hrs. AD 2001-23-05 NA to much seats. IAW SB 10-130 checked aileron control bumbels.								
				A reporter ..... Carried forward.					

I certify that this Aircraft N206V has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.

Joseph E Record

Date _____ Inspection Authorization 2040789

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
9-24-02	TACH. 1669.9. Removed and Replaced Aircraft Battery with Gill G-35 Battery. Walter Moore A&P/422024	

THE RADIO SHOP INC. MUNICIPAL
FAA REPAIR STAT

Altimeter and Static Sy

Altimeter Make	IFR	Altimeter Model #	45-
Transponder Make	King	Transponder Model #	KT-76
At 29.92Hg A/C Alt reads			59
At Field Elevation A/C reads			30,

Check Points	Test Alt Correct SN 415093	Scale Error	Tol-erance
-1000	1,000	-1010 -10	20
0	0	-15	20
500	500	480 -20	20
1000	1,000	985 -15	20
1500	1,500	1480 -20	25
2000	2,000	1990 -10	30
3000	3,010	2990 -10	30
4000	4,000	3990 -10	35

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
3/28/03	REMOVE + REPLACE WELDON AUXILLARY FUEL	
TACH:	PUMP. INSTALLED WELDON PUMP SOCATA	
1691.7	# TB20 61015000. SYSTEM CHECKED +	
	TESTED. Joseph E Howard	
	A+P 2040789	

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
5/1/03	Tach + TTAF 1693 hrs. Jacked A/C checked + lubed gear. Repaired bolt Brake disc 164-19 and all linings. Repacked all wheel bearings. Checked ELT, IAW FAR 91.207 (B). IAW AD 2003-04-03 inspected aileron gimbal due again 1793 hrs. IAW AD 2001-23-04 inspect lower Rudder hinge due again 1793 hrs.	

I certify that this ~~Aircraft~~ N206U has been inspected in accordance with a 100 annual inspection and was determined to be in airworthy condition.

Joseph E Ihare

Date 5/1/03 Inspection Authorization 2040789

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority

CRS#: D5QR162X 05/22/03 WO# 28308
AERODYNAMICS AVIONICS N20GU AEROSPATIALE
104B West Apron Drive TB 20 S/N: 655
Reading, PA 19605 A/C TT: 1,695.7 HOBBS:

1AV. KLN-89B GPS/1063 Removed Northstar M3 Approach GPS System. Installed Bendix/King KLN-89B GPS, Bendix/King KI-208A Indicator, & Ameri-King Corp. AK-950L Switch/Annunciator IAW Bendix/King KLN-89/89B GPS Installation Manual 006-10522-0003 Rev. 3 dated May, 1999, Bendix/King KI-208A/209A Installation Manual 006-10543-0000 Rev. 0 dated October, 1996, & Ameri-King AK-950L Installation Manual Doc. No. IM-950 dated November 22, 1996. Aircraft Wt. & Balance modified to reflect this change. Reference FAA Form 337.

2AV. P.S.ENG.INTERCOM/CJ-02124 Removed Telex PC4 Intercom. Installed P.S. Engineering PCD 7100 Intercom System IAW P.S. Engineering PCD7100 Installation Document P/N 200-971-0001 Revision 1 dated December, 2000. Aircraft Wt. & Balance modified to reflect this change. This is a minor alteration.

Timothy J Kyper
CRS# D5QR162X

AERODYNAMICS of Reading, Inc. 104-B West Apron Drive Reading, PA 19605 UJDR862L
LOG ID# 190 20-May-2003 WO# 8710 AC TT 1695.8
N20GU S/N 655 SOCATA TB-20 Trinidad
Pg 1 / 1

1. TROUBLESHOOT LANDING GEAR IN-TRANSIT LIGHT REMAINS ON WITH LANDING GEAR RETRACTED. JACKED AIRCRAFT. RETRACTED GEAR; FOUND RH MAIN LANDING GEAR UP INDICATION SWITCH WAS NOT FULLY ENGAGED WITH LANDING GEAR RETRACTED AND THAT SWITCH ACTUATING ARM WAS BENT. STRAIGHTENED ACTUATING ARM; ENSURED THAT THERE WAS NO UNDUE STRESS ON SWITCH AND ARM WITH LANDING GEAR RETRACTED. LANDING GEAR RETRACTION OPERATIONAL CHECK WAS SATISFACTORY. REMOVED AIRCRAFT FROM JACKS.

WORK ACCOMPLISHED IN ACCORDANCE WITH S.O.C.A.T.A. TB-20 MAINTENANCE MANUAL.

CRS# UJDR862L AUTHORIZED SIGNATURE

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report					
				Brought forward					
	9/16/03	N20GU	Tach 1734.9						
	Replaced left main tire with new 15 X 600 X 6 6pr Flight Custom tire in accordance with TB20 Service Manual. inflate to proper pressure.								
	David Wunderlich IA185387229								
	David Wunderlich IA185387229 Corporate Flight Concepts								
				A reporter ..... Carried forward.					

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
	9/24/03 N20GU Tach 1734.9 Replaced right main tire with new 15 X 600 X 6 6pr Flight Custom tire. Replaced nose tire with new 500 X 5 6pr Flight Custom tire. Inflated to proper pressure.---------- - David Wunderlich IA185387229 David Wunderlich IA185387229 Corporate Flight Concepts	

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings

LOG BOOK ENTRY

AIRCRAFT REG: **N20GU** MODEL: **TB-20**
SERIAL: **655** HOBBS:

WORK PERFORMED

Installed KMD-150 Multi Function Display. With internal GPS. See 337 dated February 20,2004. Removed KR-87 ADF.

MAINTENANCE RELEASE

The aircraft, airframe, or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service Pertinent details are on file at this repair station under Work order No. **388** Date **February 20,2004**

Inspector P. Sciarrone

International Avionics Management, Inc
FAA Approved repair station No. I8AR211X
1525 NW 56th Street Fort Lauderdale, Fla.33309
Phone 954-461-5022

AIRFRAME LOG

N20GU DATE:6-1-04 **HOBBS:1800.2**

*Replaced Induction Filter
*Installed New ELT Battery - next due 6/06
*C/W FAR Part 91.207(d) ELT Inspection
*C/W AD76-07-12 Ign. Switch function ck.
*See AD Ck List in back of Log Book
The Maintenance above was performed in accordance with applicable airworthiness standards. Annual Inspection completed IAW FAR Part 43, Appendix D. This Aircraft has been found to be Airworthy and returned to service

John C. Clegg
IA261764891

A reporter ..... Carried forward.

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
6/18/04	Removed Anjou Aeronautique safety lap belts (3) type 343-1 and replaced with Anjou-Aero safety lap belts 3491127-12 identified by Sécath part number Z00.N6003987223 as required by FAA AD 2003-26-06 in service bulletin SL10-057.	James K. Hayes A&P Certificate # 2764655
9/15/04	Replaced Spring & Lock on Landing Gear Switch on Left hand Side. Swung Gear and Lubed Complete System. Ops normal Returned to Service.	[illegible] A&P 2617648

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures / Times: Départ / Departure	Heures / Times: Arrivée / Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings

Altitude Certification, Inc. *CRS ZY7R894X*

1386 Auburn Ct., Boynton Beach, FL 33436 Phone: (561) 596-6359

Maintenance Release and Return to Service Form ACI-007

Manufacturer: Aerospatiale — Model Number: TB20 — Total Time: 1810.14

Registration: N20GU — Serial Number: 655 — Total Landings: unk

	PILOTS P/N	PILOTS S/N	COPILOTS P/N	COPILOTS S/N	STANDBY P/N	STANDBY S/N
Altimeter	unk	unk				
Transponder	066-1062-00	47373			n/a	n/a
Encoder/ADC	unk	unk			n/a	n/a

On the date of 10/6/2004 the altimeter(s) was tested to 20,000 feet.

On the date of 10/6/2004 data correspondence was tested to 20,000 feet.

On the date of 10/6/2004 the static system(s) was leak tested and inspected.

On the date of 10/6/2004 the transponder(s) was tested.

I certify that the altimeter and static system tests required by 14 CFR § 91.411 and transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F.

Pertinent details of these tests and inspections are on file at this repair station under Work-Order Number 0011

Signature John Zyla — Date 10/6/2004 — Certificate # CRS ZY7R894X

A reporter ..... Carried forward.

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul — Since manufacture

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
	AIRFRAME LOG **N20GU DATE:** 11/8/2004 **TACH:** 1812.1 * Installed New Propeller Cable The Maintenance above was performed in accordance With Applicable airworthiness standards. This Aircraft is returned to service. John C. Clegg A&P261764891	

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					

BOCA AVIATION

3700 Airport rd. Boca Raton, florid, 33431

N20GU AIRFRAME LOGBOOK ENTRY November 18, 2004

SOCATA TB20 S/N 655 TACH: 1812.55

1. REMOVED THE RH BRAKE ASSY REPLACED O RINGS AND REINSTALLED BRAKE ASSY IAW THE MFG M/M CHAPTER 32, OPS AND LEAK CHECK OK.

THE AIRCRAFT & COMPONENT IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE CONCERNING THE WORK PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER #.MP-218

DEWAYNE THAMES
CRS #LCPR025G Dewayne Thames

BOCA AVIATION

3700 Airport rd. Boca Raton, florid, 33431

N20GU AIRFRAME LOG ENTRY SOCATA TB20 S/N 665 TACH: 1832.92 November 26, 2004

1. REPAIRED LEAKING F/F GAUGE BY SECURING THE FUEL LINE @ THE GAUGE LEAK CHECK OK

THE AIRCRAFT & COMPONENT IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE CONCERNING THE WORK PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER #.MP-233

DEWAYNE THAMES
CRS #LCPR025G Dewayne Thames

A reporter .....
Carried forward.

Durée totale des vols : depuis dernière R.G. :..... depuis fabrication :.....
Total flying time since last major overhaul Since manufacture

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler

AIRFRAME LOG

N20GU DATE:7-1-05 **TACH:** 1839.85

*Lubed cables and pulleys
*Swung Landing Gear system normal
*C/W FAR Part 91.207(d) ELT
*C/W AD76-07-12 Ign. Switch function ck.
*C/W AD2001-23-04 by inspection
*C/W AD93-02-05 by inspection
*Replaced Main Battery RG35
The Maintenance above was performed in Accordance with applicable airworthiness standards. Annual Inspection completed IAW FAR Part 43, Appendix D. This Aircraft has been found to be Airworthy and returned to service.

John C. Clegg
1A261764891

AIRFRAME LOG

N20GU DATE:12-1-06 **TACH:** 1853.74

*Lubed cables and pulleys
*Swung Landing Gear system normal
*Replaced ELT Battery Next Due 2/09
*C/W FAR Part 91.207(d) ELT
*C/W AD76-07-12 Ign. Switch function ck.
*C/W AD2001-23-04 by inspection
*C/W AD93-02-05 by inspection
*Repaired Gable to Main Battery
The Maintenance above was performed in Accordance with applicable airworthiness standards. Annual/100 Inspection completed IAW FAR Part 43, Appendix D. This Aircraft has been found to be Airworthy and returned to service.

1A261764891

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					

LOGBOOK ENTRY: SOCATA TB020 N20GU TACH 1853.74
THE STATIC PRESSURE SYSTEM, TRANSPONDER WITH ALTITUDE REPORTING WAS IDENTIFIED
TESTED AND INSPECTED I/A/W FAR43 APPENDIX E, PAR A & C, APPENDIX F (FAR91.413)
AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS TEST IS ON FILE
AT THIS REPAIR STATION UNDER W.O. 7747 DATE Jan 4, 2007

SIGNATURE Mark B. Alcorda INSP. MBA

TROPIC RADIO INC. 2695 N.W. 56th ST. HANGER 53-D
FT.LAUDERDALE FL. 33309 FAA APPROVED REPAIR STATION # RZ4R510M
FT.LAUDERDALE EXECUTIVE AIRPORT*ARCHER RAMP*
TELEPHONE # 954-776-4030

KT76A S/N 47323

CERTIFICATION EXPIRES ON Jan 31, 2009

A reporter ..... Carried forward.

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority

Reliable Jet Maintenance **561-417-3834**

Airframe Log Entry

Date:	Apr. 13, 2007	**Aircraft Reg #:**	N20GU
Work Order:	07-2983	**Aircraft S/N:**	655
Hobbs Time:		**Tach Time:**	1859.1

Performed the following Maintenances:
1. Removed damaged hinge and installed new hinge kit {P/N: OPT10917500} for RH main gear door.
2. Removed LH & RH balancing springs from LH & RH main gears and replaced with new springs {P/N: TB2009040100}.
3. Adjusted LH & RH main gear doors.
All work performed IAW Socata TB-20 MM ch VI.

Harry Hendrickson Harry Hendrickson
For
Reliable Jet Maintenance CRS# LCPR025G

Reliable Jet Maintenance **561-417-3834**

Airframe Log Entry

Date:	June 13, 2007	**Aircraft Reg #:**	N20GU
Work Order:	07-3022	**Aircraft S/N:**	655
Hobbs Time:	1,856.0	**Tach Time:**	1859.1

Performed the following Maintenances:
1. Removed autopilot control head {P/N: KC191, S/N: 20692} and re-installed repaired flight computer {S/N: 20692} IAW Socata TB-20 MM ch 22-12-00.
2. Removed pitch servo {P/N: 065-0050, S/N: 2036} and re-installed repaired pitch servo {S/N: 2036} IAW Socata TB-20 MM ch 22-12-00.
Reference Autopilots Central, Inc. CRS# CM2R742X W/O# SH07-14420 for repair of units.

Harry Hendrickson Harry Hendrickson
For
Reliable Jet Maintenance CRS# LCPR025G

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings

EADS SOCATA

North Perry Airport 7501 S. Airport Road, Pembroke Pines, FL 33023 / FAA CRS # URZR891L / EASA.145.5152

Date September 18, 2007 Aircraft Type TB 20 SN 655 Registration N 20GU

Meter Time 1859.69 Tach T. T. 1859.69 W/O No. 3457

1. Replaced L/H cabin door window with new P/N TB1025030108.
2. Replaced nose wheel bearing cups P/N 214-00300, bearing cone P/N 214-00400 and grease felts P/N ZOON7061731100 with new.
3. Cleaned corroded area and repaired the upper surface of the L/H lower spar per DER Approved FAA Form 8110-3 No. EO 07-1533-01-01, dated 23-Aug-07, see FAA Form 337 date 9/17/2007.
4. Replaced L/H main gear door hinge P/N TB2048006125, knuckle P/N TB2048006108, hinge pin P/N TB2048006130, support tab P/N TB2048006131 with new.
5. Secured loose wire bundle at R/H flight control yoke sliding tube.
6. Replace L/H main landing gear up-lock micro switch with new P/N TB2061020002 and Ops. checked good.
7. Removed KS-177 Pitch servo P/N 065-0050-12 S/N 2036 and sent to Banyan Avionics CRS # SD4R514M for inspection and test as per requested by aircraft owner, received servo and re-installed after inspected under W.O. 72715, performed ground operational check normal.
8. Removed KS-179 Pitch trim servo P/N 065-0052-13 S/N 2344 and sent to Banyan Avionics CRS # SD4R514M for inspection and test as per requested by aircraft owner, received servo and re-installed after inspected under W.O. 72734, performed ground operational check normal.

I certify that this aircraft has been inspected in accordance with a pre-buy inspection using Socata TB 20 Maintenance manual Chapter 05-20-06, a list of discrepancies and unairworthy items date 6/29/2007 has been provided for the aircraft owner/operator.

The aircraft Airframe, Engine, Propeller, Appliance Identified Above Was Repaird And Inspected In Accordance With Current Regulation Of Federal Aviation Administration And Is Approved For Return To Service For the Work Performed. Permanent Records Of The Repair Are On File At This Repair Station Under W.O. # 3457 , Date: 9-18-07 Signature: K. Phongsavath CRS # URZR891L / EASA.145.5152 KAM PHONGSAVATH

Total flying time since last major overhaul Since manufacture

EADS SOCATA

North Perry Airport 7501 S. Airport Road, Pembroke Pines, FL 33023 / FAA CRS # URZR891L / EASA.145.5152

Date	October 3, 2007	Aircraft Type	TB 20	SN	655	Registration	N 20GU
Meter Time	1859.69	Tach	T. T.	1859.69	W/O No.	3498	

1. Replaced left and right aileron control rod ends with new P/N TB1017012000, lock plates P/N TB1015000116, lock washers P/N ZOON5759013290.
2. Installed new cotter key P/N ZOON5783009087 on nose landing gear torque link.
3. Cleaned corrosion on rudder upper hinge pin, lubricated and checked for free movement of rudder found satisfactory.
4. Replaced elevator trim control rod end with new P/N TB2037010101, Nut P/N ZOON5305065001, lock washer P/N ZOON5759013435, spacer P/N TB1009001139.

The aircraft Airframe, Engine, Propeller, Appliance Identified Above Was Repaird And Inspected In Accordance With Current Regulation Of Federal Aviation Administration And Is Approved For Return To Service For the Work Performed. Permanent Records Of The Repair Are On File At This Repair Station Under W.O. # 3498 , Date: 10.03.07 Signature: K. Phongsavath CRS # URZR891L / EASA.145.5152 KAM PHONGSAVATH

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
10/24/07	ACTT - 1859.69 Inspected aircraft for ferry flight from KHWO to KLNA for the purpose of maintenance. Aircraft was found to be in an airworthy condition for ferry flight. Good for one flight only.	CRS# [illegible]

Aircraft N20GU was striped and painted.
Dupont Clear Coat 3.4 HG-C
Awlgrip:8003 Matterhorn White
Dupont: LasVegas 10494
Ming Blue 10714
Florida Aero Paint, Inc.
(561) 642-7820 Date:02/01/08
Flight controls removed, checked for balance

and installed by: [illegible]

A&P# 1375085 86

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					
			N20GU Date: 02/15/08 TAT: 1860.7 Tach: 1860.7 Performed Annual inspection. Installed all new brake linings P/N RA66109.Installed OH attitude indicator PN 060-002022 SN 10846. Resealed LH brake caliper. Complied with AD 01-23-04 by inspection. Complied with AD 03-04-03 by inspection. Inspected ELT in accordance with FAR 91.207. AD's checked through 2008-01. I certify this aircraft has been inspected in accordance with FAR 43 App D Annual inspection and found airworthy. M L L A&P 3577298 IA LUHTECH Inc.						
				A reporter ..... Carried forward.					

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
	N20GU **DATE: 03-01-09** **AIRCRAFT S/N: 655** TACH: 1865.2 / TOTAL TIME: 1865.2 ENG TT: 1865.2 / ENG TSMOH: N/A PROP TT: 1865.2 / PROP TSMOH: 641.9 Complied with **Airframe Annual Inspection** **Description of Work Performed:** Serviced tires and battery. Lubed wheel bearings and control surfaces. Replaced in-line and regulator vacuum filters. Replaced SCAT tubing on cabin heat ducting at firewall. Removed and Replaced ELT battery, new date **MAY 2011** **Complied with ELT 91.207 inspection.** **Airworthiness Directives:** AD 2007-02-04 C/W visual inspection, no defects noted AD 2003-04-03 C/W visual inspection, no defects noted AD 2001-23-04 C/W visual inspection, no defects noted This Airframe has been inspected in accordance with an Annual inspection and found to be in Airworthy Condition. Michael H. Hutz A&P 570558740 IA	

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Kilo-mètres parcourus Distance Flown Kilo-metres	Nombre de passagers Number of Passengers	Nomb d'atter sage Numb of Landi

TROPIC RADIO INC.
2695 N. W. 56TH ST. HANGER 53-A
FT.LAUDERDALE , FL 33309
FAA APPROVED REPAIR STATION #RZ4R510M
FT.LAUDERDALE EXECUTIVE AIRPORT *ARCHER RAMP*
PHONE: 954-776-4030

Make and Model ALTIMETER - Pressure
Part No: 1FR45-20 Serial No: 0011
Customer: Palm Beach A/C
Inspected By: (MCO) Date: Sept 17, 09
The component identified above was inspected and functional tested in accordance with current Federal Aviation Regulations and was found Airworthy for Return to Service.
Altimeter Calibrated to 20,000 Ft. I.A.W. FAR PART 43,APP.E,(b) (FAR 91.411)
Pertinent details of this inspection are on file at this Agency under Work Order # 9351
Authorized Representitive Mark B. Alicia
Date Sept 17, 2009

SERVICEABLE

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413)
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9

SIGNATURE Mark B. Alicia
TROPIC RADIO INC.2695 N.W. 56th ST. HANGER 53-A
FT.LAUDERDALE FL.33309 FAA APPROVED REPAIR STATION # RZ4R510M
FT.LAUDERDALE EXECUTIVE AIRPORT*ARCHER RAMP*
TELEPHONE # 954-776-4030 WWW.TROPICRADIO.COM
KT76A S/N 47373
AR850 S/N 47670

CERTIFICATION EXPIRES ON Sept. 30, 2011

A reporter ..... Carried forward.

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority

Supplemental Log Book Entry
Annual Airframe

Reg: N20GU	**Model: TB20**	**S/N: 655**
Date: 10/01/09	**Tach: 1866.3**	**ACTT: 1866.3**

Performed **Annual Inspection** in accordance with FAR Part 43, appendix "D". Complied with all applicable AD's thru 2009-19. **AD91-05-02,** P/C/W by Inspection of Fuselage Frame for Cracks, **Next Due @ 2000.0. AD98-18-13,** Main Landing Gear Attach Bracket, **Next Due at 4000.0 Hours ACTT. C/W AD01-23-04** by Inspection of Rudder Lower Hinge Fitting, **Next Due @ 09/2010.** C/W **AD03-04-03** by Inspection of Aileron Control Gimbal Joints IAW SB#10-130, **Next Due 1966.3. C/W AD76-07-12** by Inspection and Operation of Ignition Switch, **Next Due @ 1966.3. Performed Pitot/Static/Transponder Test IAW FAR 91.411 and 91.413 by Tropic Radio Inc., WO#9351. Next due September 2011.** Performed Annual ELT IAW FAR 91.207 (d). **ELT Transmitter Battery expiration May 2011.** Remove Right Main Landing Gear to assist and gain access for "Field Repair" of Right Wing Lower Spar Cap. **Repaired upper surface of R/H Lower Wing Spar in accordance with DER Approved FAA Form 8110-3. Aviation Engineering Consultants EO 09-1556-01-01, rev. Dated 16-Sept-2009. See FAA Form 337 dated 09/24/09.** Install Right Main Landing Gear, Prime Wing. Corrosion removed and Left Wing Rear Spar Attach Bracket Fittings treated with Zinc Chromate. Remove and replace Left and Right Wing Flap Bellcrank Brackets with new P/N#TB2027005111 and P/N#TB2027005112. Installed Overhaul Exhaust System by Aerospace Welding as follows: Muffler P/N#TB20.56010001-R, WO#128981; L/H Manifold Cylinder #4 P/N#TB20.56000008-R, WO#128982; L/H Pipe Cylinder #6, P/N#TB20.56000006-R, WO#128983; Stub Riser P/N#TB20.56000011-R, WO#128984; R/H Manifold Cylinder #3, P/N#56000009-R, WO#128985; Stub Riser P/N#TB20.56000011-R, WO#128986, R/H Pipe #5, WO#129183. Replaced (8) Exhaust Clamps with new P/N#TB1056008001. Remove and replace R/H Stabilator Bearing Block Assy with new P/N#TB2034021004. Remove and reinstalled Aft Rudder Push-Pull Control Rod IAW Socata TB20 M.M. Remove and replace L/H and R/H Squat Switch Brackets withy new P/N#TB204149100 and P/N#TB2041410149. Remove and replace Left Main Landing Gear Microswitch with new P/N#TB3061018003. Remove and replace Pilot and Co-pilot door extenders with new Cabin Door Extenders P/N#ZOO7070780005. Remove and replace Nose Gear Emergency Extension Cylinders with new Nose Gear Emergency Compensating Cylinders P/N#ZOON7077631301. Strobe Tube Connectors cleaned connectors and reinstalled. Remove and replace Brackett Induction Air Filter with new P/N#BA-7112. Remove and replace Windshield Visor Clips with new P/N#ZOO7788014136. Remove and replace Left and Right Aileron Static Wicks, Left and Right Flap Static Wicks, Left and Right Stabilator Wicks and Rudder Static Wick with new P/N#TB2061911001. Fabricate, paint and install Right Wheel Cover. Remove and replace Nose Wheel Bearings with new P/N#08125 and P/N#08231. Removed Left Brake Caliper, cleaned rust from pins and bushings, lubed and reinstalled. Bled Right Brake. Remove and replace Central Vacuum Filter with new P/N#AAD9-18-1. Corrosion X applied to aircraft. I certify that this Aircraft has been inspected/repaired in accordance with an **Annual Inspection** and has been determined to be in an airworthy condition and that work described above was accomplished and inspected in accordance with current FAA regulations and is approved for return to service. **-END-**

Steven J. Van Antwerp 261511091 IA

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					
OCT 3	2009 Tach	1899.38							
	Adjust Suction to 5" repaired out ground wire								
						[illegible]			
12-6-09	MARK MCAFEE	1893	REMOVE + REPLACE (L) WING TIP PLEXIGLASS						
			POSITION LIGHT COVER TB-20 PART FROM						
			SOCATA Ref. A 003327			[illegible]		PVT. PILOT	
2-9-10	MARK MCAFEE	1900	RECHARGE HALON (2 1/2 lbs) FIRE EXT PRESSURE CHECK +						
			RECHECK @ JORGENSENS FREEZING CO						
3-8-10	D+D A/C	1903	REPLACE SCREWS on (R) WING ROOT FAIRING						
			+ RE-RIVET TAIL FLAP on TOP.						
				A reporter ..... Carried forward.					

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
April 28 2010	TTach 1914.38 AFTT 1914.38 Repaired left gear down light common gear well lubricate down locks both sides m/g remove and replace both m/g tires and tubes replace both m/g axel lock washers replace all brake pads install new outer grease seal on left wheel repack both m/g wheel bearings refill Hydraulic Fluid Resivior Perform Landing gear operational check good at this time	[illegible] AP364944605

Removed and dyed all Interior plastics around windows and overhead with SEM warm grey. Recovered all seats with eclipse pearl Grey and prem Romba Fabric, cut + Bound new carpet and installed in Aircraft. Dyed baggage compartment cover. All certifications were supplied with this logbook entry.

A+p 591368495

TT 1866.59

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
5/4/10	INSTALL NEW RH TIP PLAY COLOR	1915.26 HRS
	@ WINGTIP. old one CRAZED	
	MARK	MC ARSE PILOT

** FAA / PMA APPROVED PART **

ITEM: WINGTIP LIGHT LENS-RH (CLEAR)
PART NUMBER: W-2403-RH
AIRCRAFT MAKE AND MODEL: SOCATA TB 9, TB 10, TB 20, TB 21, TB 200

SERIAL NUMBERS: ALL SNS

APPROVED

MANUFACTURE DATE: 03-29-2010 MANUFACTURE CODE: 1155581
FOR CONTINUED AIRWORTHINESS SEE AICRAFT P.O.H. OR SERVICE MANUAL

PLEASE KEEP THIS TAG FOR YOUR LOG BOOK.

Great Lakes Aero Products, Inc
915 Kearsley Park Blvd
Flint, MI 48503
(810)-235-1402
www.glapinc.com

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					
OCT 15-10	TACH 1954.82								
	REMOVE HYDROPACK SN AH-5117 AND INSTALL HYDRO PACK SN AH-10345 TSO 0.0 SERVICE REVIEW OPERATIONAL CHECK SATISFACTORY SERVICE ALL TIRES								
				A reporter ..... Carried forward.					

...ale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
...g time since last major overhaul Since manufacture

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority

Above and Beyond Aviation
Novato, CA. 94903

351 Airport Road
Ph: (415)897-9549 fax: (415)8979569

Date: 12/1/2010 N20GU Tach: 1957.47
Make: SOCATA TB-20 Total: 1957.47

Aircraft opened, serviced and inspected in accordance with a checklist conforming to FAR 43, Appendix D for Annual Inspection. Aircraft lubricated per SOCATA lube chart. Repacked all wheel bearings. Replaced nose wheel bearings and races. Serviced and installed new G-35 aircraft battery. Tested ELT I/A/W FAR 91.207(d). Replaced vacuum system filters. Checked fuel system filters. Cpomplied with AD 2001-23-04, lower rudder hinge inspection, accomplished by compliance with SB10-114-55. Complied with AD2003-04-03, aileron gimbal inspection, accomplished by compliance with SB10-130-27. Replaced right and left brake discs. Replaced right and left brake !inings. Resealed right and left main gear actuators. Resealed nose gear actuator. Resealed nose gear strut and serviced to proper pressure. Replaced all landing gear up stop bumpers. Repaired left main gear wheel well with fiberglass repair. Replaced left main gear upper door hinge half. Serviced hydraulic system and performed gear swing. Resealed pilots' left brake master cylinder. Replaced pilots right master cylinder. Bleed brake system. Replaced left and right aileron inner and outer hinge bearings. Replaced lower rudder hinge bearing. Replaced left stabilator hinge bearing assembly. Adjusted stabilator trim cable tension. Replaced smoking rivets in right wing trailing edge. Replaced rivets in left upper tail cone attachment bracket. Replaced right and left fuel cap o-rings. Resealed left fuel tank inboard access panel. Replaced multiple wing access panel attachment screws. Replaced cabin dome light assembly and lamp. Replaced pilots map light assembly and lamp. Replaced alternator and parking brake enunciator light lamps. Replaced multiple overhead console screws. Replaced right cabin door window. Repaired lower cowling at tail pipe protrusion due to rubbing with tail pipe. Ops check good.

I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

Signature _____ A&P 572578187 I.A.

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
2-1-2011	MARK MCAFEE		1975.45	Report ..... Brought forward.					
		STORM SCOPE REMOVED + REPAIRED BY L-3							
		REINSTALLED BY ABOVE + "BEYOND AVIATION"							
		GRASS FIELD HAD BEEN CUT SINCE ANNUAL							
		NOTE BY PILOT							
		* SEE A+P PREVIOUS PAGE FOR SIGN OFF							
				A reporter ..... Carried forward.					

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
	July 20 2011 TACH 2049.0 REPLACE BOTH M/G TIRES with NEW MICHELIN 15X600-6 6PLY TIRES WERE SEAT AS REQUIRED	
10-15-2011	OCT 15 2011 TACH 2098.4 UPDATE GPS DATABASE - KING GPS. UPDATE GPS DATABASE - CURRENT "MOVING MAP DISPLAY" REPAIR ELECTRICAL FAILURE TO INTERCOM INSTALL IPOD JACK FOR MUSIC ON INTERCOM FRANK RUIZ AVIONICS FRESNO CA NOTE BY OWNER →	

Dat
Da

1/3/2012	BARBER AVIATION	SOCATA TB-20
N20GU	4130 AVIATION DRIVE	SN: 655
TACH:2101.4	MADERA CA,93637	ACTT: 2101.4
WO#6420	(559)675-0183	

AIRCRAFT INSPECTED THIS DATE. REPLACED 1EA AAD9-18-1 PNEUMATIC FILTER, 1EA B3-5-1 PNEUMATIC FILTER, REPLACED LEFT AND RIGHT FUEL CAP O-RINGS WITH NEW. REPLACED NOSE WHEEL BEARINGS AND RACES WITH NEW 08231 RACE AND LM67048 BEARING. REPLACED 1EA TAIL NAV BULB WITH NEW 200-N7445771403 TAIL NAV BULB OPS CHECK GOOD. COMPLIED WITH AD2003-04-03 AILERON GIMBAL INSPECTION BY VISUAL INSPECTION IAW SB 10-130 27 NO DEFECTS NOTED NID AT ACTT: 2201.4. COMPLIED WITH AD2001-23-04 RUDDER HINGE INPECTION BY VISUAL INSPECTION NO DEFECTS NOTED NID ACTT:2201.4. COMPLIED WITH AD91-05-02 FUSELAGE CRACKING BY VISUAL INPECTION IAW SB No. 42/1 NO DEFECTS NOTED NID AT ACTT: 2601.4
ELT BATTERY REPLACED WITH NEW BS2166 AND ELT TESTED IAW 91.207(D) BATTERY EXP 1/2014. REPLACED LEFT AND RIGHT BRAKE LININGS WITH 8EA 066-10600. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION PER 43.13(D) AND WAS DETERMINED AIRWORTHY AT THIS TIME.
RON DIAZ 565543431A

TRANSIERRA TECHNOLOGY

N20GU

Tach reads: 2101.55
Performed biannual pitot static and transponder /encoder check per FARs 91.411, 91.413 and FAR 43 Appendix E and F. System certified to 20,000'.
Aircraft system meets all FAA requirements.
Results on file CRS DD3R445L.
END

Details of work accomplished are on file at this agency under W/O 15068

Authorized Signature Date 1/06/2012

FAA REPAIR STATION # DD3R445L 4130A AVIATION DR MADERA, CA 93637 (559) 675-8320

A reporter .....
Carried forward.

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Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority

MAKE: Socata
MODEL: TB-20
S/N: 655
REG. NO: N20GU
WORK ORDER:
1015-08-2012

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 8/17/2012
A/C TSN: 2162.41
TACH: 2162.4

Airframe Entries

(1) Found defective tach cable replaced with new 57004100 Tach cable assy. Ground ran aircraft no defects noted.... (3) Removed and replaced battery with new Gill G-35 SN: G02730970.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1015-08-2012, Dated 8/17/2012.

DATE: 8/17/2012 SIGNED: Work Order: 1015-08-2012

Chris Tharp, A&P: 2755348AP

Printed by EBis 3 (datcomedia.com)

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nom d'atterrissages Number of Landings
				Report					

TRANSIERRA TECHNOLOGY

N20GU

Tach reads: 2177.45
Removed Attitude Indicator KG 258 P/N 060-0020-22 S/N 10846 for overhaul. Reinstalled KG 258 P/N 060-0020-22 S/N 10846 post overhaul and function tested. Unit operates normally.

END

Details of work accomplished are on file at this agency under W/O 15021

Authorized Signature Date 09/17/2012

FAA REPAIR STATION # DD3R445L 4130A AVIATION DR MADERA, CA 93637 (559) 675-8320

A reporter ..... Carried forward.

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

MAKE: Socata
MODEL: TB-20
S/N: 655
REG. NO: N20GU
WORK ORDER:
1051-10-2012

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 11/1/2012
A/C TSN: 2188.48
TACH: 2188.47

Cachet — Signature réparateur
Organisme de contrôle

amp and signature of overhauler
and of controlling Authority

Airframe Entries

(2) Lubed landing gear.... (3) Found oil pressure terminals loose, tightened all connections ops check good.... (4) Complied with AD2001-23-04, inspected rudder hinges by visual inspection. NID ACTT: 2288.48... (5) Complied with AD2003-04-03 aileron gimbal joints by visual inspection IAW SB10-13027, no defects noted. NID ACTT: 2288.48

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1051-10-2012, Dated 11/1/2012

DATE: 11/1/2012 SIGNED:

Chris Tharp, A&P: 2755348AP

Work Order: 1051-10-2012

Printed by EBis 3 (datcomedia.com)

OIL CHANGED
FILTER CHANGED

MAKE: Socata
MODEL: TB-20
S/N: 655
REG. NO: N20GU
WORK ORDER:
1076-01-2013

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 5/20/2013
A/C TSN: 2217.75
TACH: 2217.74

Airframe Entries

(1) Complied with annual inspection per FAR43(app d). Replaced induction air filter with new BA7117.... (4) Complied with ELT inspection per FAR91.207(d), no defects noted. Battery Expiration Jan 2014.... (5) Removed and replaced pneumatic filters with new.... (6) Complied with AD2001-23-04 Rudder hinge cracks by visual inspection, no defects noted. NID 12mo... (7) Complied with AD2003-04-03 Aileron gimbal joints by visual inspection IAW SB10-130-27, no defects noted. NID ACTT: 2317.75... (9) Removed cabin light and cleaned contacts, ops check good.... (10) Reattached left wing root seal with 1300L.... (12) Adjusted stall warning switch to engage with out force.... (13) Removed and replaced nose wheel bearings and races with new.... (14) Removed and replaced brake linings with new.... (16) Replaced pulled rivets with new IAW AC43.13-1B.... (17) Removed and replaced engine after overhaul by Exodus Air. Engine mounts replaced with new.... (18) Complied with AD91-05-02 Fuselage frame cracks by installation of repair kit OPT10915200. AD no longer applies.... (19) Removed forward upper fuselage inspection plates, prepped and repainted.... (20) Stripped and cleaned engine baffling, primed, painted, and installed new rubber seals.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1076-01-2013, Dated 5/20/2013

DATE: 5/20/2013 SIGNED:

Chris Tharp, IA: 2755348AP

Work Order: 1076-01-2013

Printed by EBis 3 (datcomedia.com)

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
5-30-2013	MCAFEE	2220.35	NEW	Report ..... Brought forward .					
			CONCORD - BATTERY INSTALLED @ MAE						
6-3-2013	MCAFEE	2220.50	✓ PRESS ON OIL + TEMP RUNNING HIGH all ok						
			BY BARBOUR AVIATION - LOOSE WIRE TIGHTENED						
			OIL TEMP STILL HIGH & MINERAL OIL DURING						
			BREAKIN PERIOD						

Garza Aviation Services LLC 3611 S. Burch Way, Yuma, AZ 85365 (928) 276-9465
Drug and Alcohol Program Registration # CONN345C

SOCATA TB-20 TRINIDAD N20GU S/N 655 Aircraft LOG
06/15/2013 TACH Time 2224.13. Serviced aircraft battery, Cleaned charging system electrical connections, Replaced starter (OVHL) P/N MZ-4222R S/N H-M091777 (starter provided by owner), Serviced Airframe-to-Engine Ground Wire. Aircraft return to service.
Gilberto Garza 3086492 A&P

A reporter .....
Carried forward.

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority

MAKE: Socata
MODEL: TB-20
S/N: 655
REG. NO: N20GU
WORK ORDER:
1132-08-2013

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 8/15/2013
A/C TSN: 2250.71
TACH: 2250.7

Airframe Entries

(2) Removed and replaced left and right main tires with new Condor 15/6.00x6 Tires and balanced.... (3) Removed and replaced #6 EGT probe with new.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1132-08-2013, Dated 8/15/2013.

DATE: 8/15/2013 SIGNED: Work Order: 1132-08-2013

Chris Tharp, A&P: 2755348AP Printed by EBis 3 (datcomedia.com)

MAKE: Socata
MODEL: TB-20
S/N: 655
REG. NO: N20GU
WORK ORDER:
1207-04-2014

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 4/14/2014
A/C TSN: 2304.69
TACH: 2304.68

Airframe Entries

(1) Removed left and right wheel assemblies replaced left and right brake discs with new 164-01900. Removed left and right brake calipers, disassembled, cleaned and inspected left and right calipers. Calipers resealed with new o-rings. Reinstalled calipers and bled left and right brake system. Removed and replaced all brake linings with new.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1207-04-2014, Dated 4/14/2014.

DATE: 4/14/2014 SIGNED: Work Order: 1207-04-2014

Chris Tharp, A&P: 2755348AP Printed by EBis 3 (datcomedia.com)

TRANSIERRA TECHNOLOGY

RD

Dates Date	Pilote Pilot	rée vol ion of ght	Kilo-mètres parcourus Distance Flown Kilo-metres	Nombre de passagers Number of Passengers	Nombre d'atterris-sages Number of Landings

N20GU

Tach reads: 2317.04
Performed biannual pitot static and transponder /encoder check per FARs 91.411, 91.413 and FAR 43 Appendix E and F. System certified to 20,000'.
Aircraft system meets all FAA requirements.
Results on file CRS DD3R445L.
END

Details of work accomplished are on file at this agency under W/O 15285

Authorized Signature _____ Date 06/04/2014

FAA REPAIR STATION # DD3R445L 4130A AVIATION DR MADERA, CA 93637 (559) 675-8320

MAKE: Socata
MODEL: TB-20
S/N: 655
REG NO: N20GU
WORK ORDER:
1222-05-2014

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 6/4/2014
A/C TSN: 2317.05
TACH: 2317.04

Airframe Entries

(1) Complied with annual inspection per FAR43(app d). Removed and replaced induction air filter with new BA7112.... (5) Complied with ELT inspection FAR91.207(d). ELT battery expires: July 2016.... (6) Removed and replaced pneumatic filters with new.... (9) Complied with AD2001-23-04 Rudder hinge cracks by visual inspection, no defects noted. NID ACTT: 2417.05 or 12mo.... (10) Complied with AD2003-04-03 Aileron gimbal joints by visual inspection, no defects noted. NID ACTT: 2417.05 or 12mo.... (13) Removed and replaced left and right door hold open rods with new.... (14) Removed and replaced 40amp buss breaker with new, ops check good.... (16) Removed center headliner, found rivets broken. Removed rivets and installed new. Reinstalled headliner.... (17) Removed and replaced master switch with new, ops check good ... (20) Removed and replaced tail nav lamp with new.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1222-05-2014, Dated 6/4/2014

DATE: 6/4/2014 SIGNED: _____ Work Order: 1222-05-2014

Chris Tharp, IA: 2755348AP

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Carried forward.

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
3-17-15	TROUBLE SHOOT ELECTRICAL SHORT ON LAND GEAR SCRUB SWITCH SIMPLE WIRE WRAP + REPAIR "LABOR ONLY" NO PARTS.	TACH 2387.06 CHRIS BARBER By [signature] BARBER AVIATION.

MAKE: Socata
MODEL: TB-20
S/N: 655
REG. NO: N20GU
WORK ORDER:
1375-06-2015

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 8/3/2015
A/C TSN: 2440.07
TACH: 2440.06

Airframe Entries

(1) Complied with annual inspection per FAR43(app d). Removed and replaced induction air filter with new BA7112... (5) Inspected ELT iaw FAR91.207(d), no defects noted. Battery expiration 7/2016... (6) Replaced all pneumatic filters as necessary... (7) Installed two clamps p/n MS21919WDG13 and secured vacuum hose from fuel line.... (8) Secure the l/s engine wiring from chafing.... (9) Removed and replaced r/s and l/s brake lining with new brake lining p/n 066-10600.... (10) Serviced the nose strut with nitrogen.... (11) Removed Alcor EGT system, fabricated blank off for instrument and insalled in aircraft.... (13) Complied with AD2003-04-03 Aileron gimbal joint inspection by visual inspection, no defects noted. NID ACTT: 2540.07... (14) Complied with AD2001-23-04 Rudder hinge cracks by visual inspection, no defects noted. NID 9/2016

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1375-06-2015, Dated 8/3/2015

DATE: 8/3/2015 SIGNED: [signature] Work Order: 1375-06-2015

Chris Tharp, IA: 2755348AP

Printed by EBis 3 (datcomedia.com)

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					

PROP MODEL
HC-C3YR-1RF/F7693F
PROP S/N PA582B
REG NO N20GU
WORK ORDER
1375-06-2015

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone 559-675-0183

DATE 8/3/2015
A/C TSN 2440.07
PROP TT 222.32
TSPOH 222.32
TACH 2440.06

Prop Entries

(3) Complied with 100hr inspection per FAR43(app d). Dressed propeller blades.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1375-06-2015, Dated 8/3/2015

DATE: 8/3/2015 SIGNED:

Work Order: 1375-06-2015

Chris Tharp, A&P 2755348AP

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				A reporter ..... Carried forward.					

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
	REPLACE (L) WINGTIP RLOXY 3-9-2016	HRS 2490.79 PILOT

** FAA/PMA APPROVED PART - PQ2056CE **

ITEM: WINGTIP LIGHT LENS-LH (CLEAR)
PART NUMBER: W-2403-LH
AIRCRAFT MAKE AND MODEL: SOCATA TB 9, TB 10, TB 20, TB 21, TB 200

APPROVED

SERIAL NUMBERS: 275 & UP

REPL PN: TB20 18001102

MANUFACTURE DATE: 02-29-2016 MANUFACTURE CODE: 1216230
FOR CONTINUED AIRWORTHINESS SEE AICRAFT P.O.H. OR SERVICE MANUAL

PLEASE KEEP THIS TAG FOR YOUR LOG BOOK.

915 Kearsley Park Blvd
Flint, MI 48503
(810)-235-1402
www.glapinc.com
Great Lakes Aero Products, Inc

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					

MAKE Socata
MODEL TB-20
S/N 655
REG NO N20GU
WORK ORDER:
1481-04-2016

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 5/6/2016
A/C TSN: 2440.07
TACH: 2440.06

Airframe Entries

(1) Removed and replaced ELT Antenna with new PN: 110-324

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1481-04-2016, Dated 5/6/2016.

DATE: 5/6/2016 SIGNED:

Chris Tharp, A&P 2755348AP

Work Order: 1481-04-2016

Printed by EBis 3 (datcomedia.com)

				A reporter ..... Carried forward.					

Durée totale des vols : depuis dernière R.G. : ..... **depuis fabrication :** .....
Total flying time since last major overhaul **Since manufacture**

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority

MAKE: Socata
MODEL: TB-20
S/N: 655
REG. NO: N20GU
WORK ORDER:
1529-08-2016

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 9/8/2016
A/C TSN: 2555.36
TACH: 2555.35

Airframe Entries

(1) Complied with annual inspection per FAR43(app d). Induction air filter replaced with new BA7112... (5) Complied with ELT inspection per FAR 91.207(d). No defects noted at this time, function check good. Battery good until Aug2024. (6) Removed ELT and installed new Ack E-04 elt SN: 016781 in same location as previous installation. Installed remote switch in panel.... (7) Replaced both rubber shock mounts in back of pilot;s cockpit panel. checks good for security.... (8) Updated GTN 750 to latest software version 6.11 checks good for update.... (9) Removed previous Jaeger clock due to its brightness making it difficult to view. replaced previous clock with new MD 93 Digital clock with usb power ports. checks good for security and operation.... (10) Removed KG107 Directional Gyro and replaced with overhauled from PSI SN: 2669, ops check good.... (11) Removed and replaced pneumatic filters with new.... (12) Removed and replaced L/S and R/S brake linings with new.... (13) Cylinder #6 CHT probe had a broken terminal, replaced terminal with new.... (14) Complied with AD 2003-04-03 Aileron gimbal joints IAW Socata SB 10-130 27, no defects noted. NID ACTT: 2655.36... (15) Complied with AD 2001-23-04 Rudder hinge cracks IAW Socata SB 10-114 55, no defects noted. NID 12mo... (16) Complied with AD 2011-26-04 Fuel Injector lines by visual inspection, no defects noted. NID ACTT: 2655.36 or next maintenance.... (17) Removed, replaced, and balanced main gear tires with new Goodyear 156E66-B1 tires.... (18) Removed and replaced nose wheel bearings and races with new.... (19) Had complied with by Transierra Technology... (20) Had complied with by Transierra Technology.... (21) Complied with AD 2015-24-03 Horizontal Spar corrosion by visual inspection, no defects noted. NID ACTT: 3055.36 or 72mo

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1529-08-2016, Dated 9/8/2016.

DATE: 9/8/2016 SIGNED: Work Order: 1529-08-2016

Chris Tharp, IA: 2755348AP

Printed by EBis 3 (datcomedia.com)

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					

MAKE: Socata
MODEL: TB-20
S/N: 655
REG NO: N20GU
WORK ORDER:
1687-09-2017

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 10/1/2017
A/C TSN: 2640.43
TACH: 2640.42

Airframe Entries

(1) Complied with annual inspection per FAR43(app d). Replaced induction air filter with new BA7112.... (5) Complied ELT inspection FAR91.207(d). ELT battery expires August 2021.... (6) Removed and replaced pneumatic filters with new.... (7) Panel lights checked 3 bulbs replaced. one post light for gryo suction gauge replaced. ops check on lights good.... (8) Removed and replaced aircraft battery with new.... (9) Removed and replaced R/S NAV light bulb with new. ops check good.... (10) L/S main gear weight on wheel switch cannon plug repaired.... (11) Removed and replaced fuel cap o-rings with new.... (16) Removed, replaced, and balanced tires with new.... (17) Removed and replaced L/S and R/S brake linings with new... (18) Complied with AD 2001-23-04 Rudder hinge cracks by visual inspection, no defects noted NID 10/2018... (19) Complied with AD2003-04-03 Aileron Gimbal Joint inspection by visual inspection, no defects noted. NID ACTT: 2740.43... (20) Complied with AD2011-26-04 Fuel injector lines by visual inspection, no defects noted. NID ACTT: 2740.43... (21) Complied with AD2015-24-03 Horizontal Stabilizer Corrosion by visual inspection IAW Socata SB 10-152 amdt 1, no defects noted NID 10/2023

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1687-09-2017, Dated 10/1/2017.

DATE: 10/1/2017 SIGNED: Work Order: 1687-09-2017

Chris Tharp, IA: 2755348AP

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				A reporter ..... Carried forward.					

Durée totale des vols : depuis dernière R.G. :..... depuis fabrication :.....
Total flying time since last major overhaul Since manufacture

MAKE: Socata
MODEL: TB-20
S/N: 655
REG. NO: N20GU
WORK ORDER:
1858-08-2018

C AND T Aviation INC

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 9/18/2018
A/C TSN: 2742.53
TACH: 2742.52

Dates
Date

Signature réparateur
nisme de contrôle
signature of overhauler
ontrolling Authority

Airframe Entries

(1) Complied with annual inspection per FAR43(app d). Replaced induction air filter with new BA7112 Air filter... (5) Complied with ELTinspection FAR91.207(d). ELT battery expires: August 2021.... (6) Removed and replaced pneumatic filter with new.... (9) Replaced #5 cylinder bottom lead spring with new.... (11) Complied with AD2015-19-07 fuel injector lines by visual inspection, no defects noted.... (12) Complied with AD2003-04-03 Aileron gimbal joints by visual inspection, no defects noted.... (13) Complied with AD2001-23-04 Rudder hinge cracks by visual inspection, no defects noted.... (14) Removed and replaced L/S and R/S brake linings with new.... (15) Installed new molex plug on the tail cone NAV light.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1858-08-2018, Dated 9/18/2018.

DATE: 9/18/2018 SIGNED: Work Order: 1858-08-2018

Chris Tharp, IA: 2755348AP Printed by EBis 3 (datcomedia.com)

TRANSIERRA TECHNOLOGY

N20GU

Tach time:2743.80

Performed biannual pitot/static/transponder/encoder system test and found it to meet 91.411, 91.413 and appendixes E and F. Certified to 20'000 ft. Results on file CRS DD3R445L.
***END**

Details of work accomplished are on file at this agency under W/O 15666
Authorized Signature: Date 09/21/2018
FAA REPAIR STATION # DD3R445L 4130A AVIATION DR MADERA, CA 93637 (559) 675-8320

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					

MAKE Socata
MODEL TB-20
S/N 655
REG NO N20GU
WORK ORDER
1961-05-2019

C AND T Aviation INC

4130 Aviation Drive
Madera, ca 93637
Phone 559-675-0183

DATE 5/8/2019
A/C TSN 2794.1
TACH 2794.09

Airframe Entries

(1) Removed all three landing gear struts, disassembled, cleaned and inspected struts. Reassembled struts using new seals and serviced with AS4 hydraulic fluid and nitrogen.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1961-05-2019, Dated 5/8/2019.

DATE: 5/8/2019 SIGNED: Work Order: 1961-05-2019

MAKE Socata
MODEL TB-20
S/N 655
REG NO N20GU
WORK ORDER
2019-09-2019

C AND T Aviation INC

4130 Aviation Drive
Madera, ca 93637
Phone 559-675-0183

DATE 10/7/2019
A/C TSN 2831.96
TACH 2831.97

Airframe Entries

(1) Complied with annual inspection per FAR43(app d). Replaced induction air filter with new BA7112.... (5) Complied with ELT inspection FAR91.207(d). ELT battery expires August 2021.... (6) Replaced pneumatic filters with new as necessary.... (9) Complied With AD 2015-19-07 Fuel injector lines. no defects noted NID 100hrs TIS... (10) Complied with AD 2005-12-06 Impulse coupling inspection by replacement of Magneto and impulse coupling NID ACTT: 3331.98... (11) Complied with AD 2001-23-04 - Rudder hinge cracks. by visual inspection method. No defects noted. NID 12 calendar months.... (12) Complied with AD 2003-04-03 Aileron gimbal joints. by inspection, no defects noted. NID 100 hrs TIS.... (14) Replaced left and right door opening struts with new Z00 N7070780005.... (15) Replaced left and right brake discs and linings with new... (16) Replaced Right main tire with new P/N 156E66-4 FCIII 15-6-6... (17) Replaced Oil Pressure Transmitter with new PN: 6025647221, ground ran aircraft ops check normal.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2019-09-2019, Dated 10/7/2019.

DATE: 10/7/2019 SIGNED Work Order: 2019-09-2019

Durée t
Total fl

MAKE: Socata
MODEL: TB-20
S/N: 655
REG. NO: N20GU
WORK ORDER:
2189-11-2020

C AND T Aviation INC

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 12/8/2020
A/C TSN: 2892.7
TACH: 2892.69

et — Signature réparateur
Organisme de contrôle
and signature of overhauler
l of controlling Authority

Date
Date

Airframe Entries

(1) Complied with annual inspection per FAR43(app d). Replaced induction air filter with new BA7112.... (5) Complied with ELT inspection FAR91.207(d). ELT battery expires August 2021.... (6) Removed and replaced pneumatic filters with new.... (7) Removed and replaced fuel cap o-rings with new.... (8) Removed and replaced nose wheel bearings and races with new.... (9) Removed and replaced L/S and R/S brake linings with new.... (10) Troubleshot lower beacon to corroded connecter, cleaned conecter and lube, ops check good... (11) Troubleshot annunciator light to broken connector, removed light assy, replaced connector with new and reinstalled. Ops check good.... (12) Removed stabilator from aircraft, replaced left stablator hinge support with new PN: TB20 34021003. Reinstalled stabilator onto aircraft.... (13) Lubed flap actuator jackscrew, cycled flaps, no defects noted.... (14) Complied With AD 2015-19-07 Fuel injector lines, no defects noted NID 100hrs TIS... (15) Complied with AD2001-23-04 Rudder hinge cracks by visual inspection, no defects noted.... (16) Complied with AD 2003-04-03 Aileron gimbal joints, by inspection, no defects noted. NID 100 hrs TIS.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2189-11-2020. Dated 12/8/2020

DATE: 12/8/2020 SIGNED: Work Order: 2189-11-2020

Chris Tharp, IA: 2755348AP Printed by EBis 3 (datcomedia.com)

3-15-20 NEW LEATHER SEATS INSTALLED TACH: 28602
$4406.53

MAKE: Socata
MODEL: TB-20
S/N: 655
REG. NO: N20GU
WORK ORDER:
2331-09-2021

C AND T Aviation INC

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 9/17/2021
A/C TSN: 2923.93
TACH: 2923.92

Airframe Entries

(1) Replaced ELT Battery with new E-04 battery.Inspected ELT iaw FAR91.207(d), no defects noted. ELT Battery exp 9/2026

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2331-09-2021. Dated 9/17/2021.

DATE: 9/17/2021 SIGNED: Work Order: 2331-09-2021

Chris Tharp, A&P: 2755348AP Printed by EBis 3 (datcomedia.com)

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings

MAKE: Socata
MODEL: TB-20
S/N: 655
REG. NO: N20GU
WORK ORDER:
2378-12-2021

C AND T Aviation INC

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 3/9/2022
A/C TSN: 2954.07
TACH: 2954.06

Airframe Entries

(1) Complied with annual inspection per FAR43(app d). Replaced induction air filter with new BA7112.... (5) Complied with ELT inspection FAR91 207(d). ELT battery expires September, 2026.... (6) Removed and replaced L/S and R/S brake linings with new.... (7) Replaced instrument air filters.... (8) Cleaned firewall forward engine and cowling.... (9) Cleaned possible spot of corrosion on right wing spar about 4 ft from end of wing on aft side of spar.... (11) Replaced insight cht probe on cylinder 4. Ground ran aircraft, no defects noted.... (12) Replaced missing rivets on wingwalk area on both left and right side.... (14) Replaced missing rivets on instrument panel support with appropriate fasteners.... (16) Replaced both rivets on left door at lift strut attachment point.... (17) Adjusted stall warning vane to prevent from sticking and lubed.... (21) Complied with AD2001-23-04 Rudder hinge cracks by visual inspection, no defects noted. NID 12/2022.... (22) Complied with AD 2003-04-03 Aileron gimbal joints by visual inspection in accordance with the Accomplishment Instructions in Socata TB Aircraft Mandatory Service Bulletin SB 10-130 27, dated April 2002, no defects noted. NID ACTT: 3049.32

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2378-12-2021, Dated 3/9/2022.

DATE: 3/9/2022 SIGNED:

Chris Tharp, IA: 2755348AP

Work Order: 2378-12-2021

Printed by EBis 3 (dalcomedia.com)

A reporter .....
Carried forward.

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority

wo: 16074 Airframe - page 1 of 1

TRANSIERRA TECHNOLOGY

Transierra Technology - 4130 Aviation Dr - Madera, California 93637 - 559-675-8320 - CRS#: DD3R445L

N20GU **SOCATA, TB-20 TRINIDAD, S/N: 655** **December 30, 2021**
tach: 2949.31

Performed pitot/static/transponder/encoder system test to find it meets all FARs 91.411, FARs 91.413 CFR appendixes E and F. Aircraft certified to 20,000Ft, Aircraft system meets all FAA requirements. Results on file CRS DD3R445L. Aircraft Tested with Laversab 6250 Rev A SN: 82680 and IFR 6000 SN: 104001361.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Transierra Technology under work order: 16074.

Chris Tharp CRS DD3R445L

MAKE: Socata
MODEL: TB-20
S/N: 655
REG. NO: N20GU
WORK ORDER:
2378-12-2021

C AND T Aviation INC

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 3/9/2022
A/C TSN: 2954.07
TACH: 2954.06

Airframe Entries

(26) Installed new wing root seals and new wing walk on left and right wings.... (38) Installed new taxi/landing light lense cover on left side.... (39) Installed new nav light lense cover on left side.... (40) Replaced left side main gear down indicator connector.... (41) Resealed front nose strut and serviced with nitrogen.... (42) Installed new pre cut carpet kit from SCS interiors P/N FW-SMK-TB10.... (43) Resealed parking brake valve as per parker CM60-5 overhaul instructions.... (44) Resealed left side main and front nose hydraulic landing gear actuators. Performed landing gear check with aircraft on jacks. No defects noted.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2378-12-2021, Dated 3/9/2022.

DATE: 3/9/2022 SIGNED: Work Order: 2378-12-2021

Chris Tharp, IA: 2755348AP

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SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					

FLIGHT LOG

TRINIDAD N20GU WRO 81372
TROUBLESHOOT AND SWING COMPASS ,MAKE CORRECTION CARD

Signed: DANA LIBERTONE

Date 5-17-2022
The Avionics Specialists, Inc.
FAA-Approved Repair Station No.S3DR062N

LINCOLN Company
1402 Flightline Dr
Lincoln CA, 95648
916-645-3449

SOCATA	TB-20	N20GU	AIRFRAME
S/N: 655	07/19/2022		
TACH: 2999.82	INVOICE # 13664		

Complied with the following service/repair items:

1. Replaced left main tire (p/n: 156E66-4) and tube(p/n: 097-500-0) at this time in accordance with Socata TB-20 Aircraft maintenance manual, due to wear.

All post service checks are satisfactory. Aircraft is approved for return to service for the work performed.

David Dutra A&P 3646377

A reporter .....
Carried forward.

Durée totale des vols : depuis dernière R.G. : ..... **depuis fabrication :** .....
Total flying time since last major overhaul **Since manufacture**

Dates Date 2022	Détails vérifications et travaux entretiens — Révisions partielles ou générales Modifications — Essais en vol Particulars of inspections and maintenance — Minor or major overhauls Modifications — Test flights	Cachet — Signature réparateur Organisme de contrôle Stamp and signature of overhauler and of controlling Authority
12/2	**SOCATA TB20 N20GU S/N 655 DEC. 2, 2022** **TACH TIME-3017.62 AIRCRAFT TOTAL TIME-3017.62** REMOVED EXISTING INSIGHT INSTRUMENT CORP. ENGINE TEMPERATURE INDICATOR, MODEL# 603 AND INSTALLED AN INSIGHT INSTRUMENT CORP. UPGRADE G3 ENGINE TEMPERATURE INDICATOR P/N 610C-001. THIS INSTALLATION INCLUDES PRE-EXISTING CHT AND EGT TEMP SENDERS, NEW OIL PRESSURE AND OIL TEMPERATURE SENDERS, OAT SENSOR, FUEL FLOW / TOTALIZER SENSOR, VIBRATION SENSOR, RPM PICKUP SENSOR CABLING AT RIGHT P-LEAD LOCATION P1 AND P2 HARNESS KITS AND CONNECTORS. THIS INSTALLATION ACCOMPLISHED IN ACCORDANCE WITH INSIGHT INSTRUMENT CORP STC# / AML SA02930NY, INSIGHT INSTALLATION MANUAL 070906 REV. 1.6 PAGES 1-54. ICA INSTRUCTIONS CAN BE FOUND WITHIN INSIGHT DOCUMENT 610C-ICA ISSUE 4, DATED JAN. 19, 2012. FAA FOR 337 COMPLETED THIS DATE. AIRCRAFT EQUIPMENT LISTING / WEIGHT AND BALANCE DATA REVISED TO REFLECT THIS CHANGE. FLIGHT MANUAL SUPPLEMENT INSTALLED IN AIRCRAFT POH. SYSTEM FUNCTION CHECKS ACCOMPLISHED AND FOUND TO BE SATISFACTORY. **DAVID M PAGE A&P 3130153 IA**	

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date	Pilote Pilot	Nombre membres d'équipage Number of Crew	Voyage Journey	Heures Times Départ Departure	Arrivée Arrival	Durée du vol Duration of Flight	Kilomètres parcourus Distance Flown Kilometres	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings
				Report ..... Brought forward .					
2022									
12/19									
				A reporter ..... Carried forward.					

SOCATA TB20 N20GU S/N 655 12/19/2022
TACH TIME-3017.82

REMOVED EXISTING INSIGHT G3 TEMPERATURE / PRESSURE INDICATOR AND INSTALLED AN INSIGHT G4 INDICATOR, P/N 1200C-001, SERIAL# 40660. ALL PROBES, SENDING UNITS AND TRANSDUCERS REMAIN THE SAME. COMPETED FORM 337 TO DOCUMENT THIS INDICATOR CHANGE, AIRCRAFT EQUIPMENT LIST / WEIGHT AND BALANCE DATA REVISED, G4-ICA AND FLIGHT MANUAL SUPPLEMENT G4-FMS ISSUE 1 PROVIDED TO OWNER. CORRESPONDING STC REMAINS THE SAME, SA02930NY AS DOES THE INSTALLATION MANUAL, 070906 REV. 1.6. FUNCTION CHECKED INDICATOR AND FOUND SATISFACTORY.

DAVID M PAGE A&P 3130153 David M Page

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

** FAA/PMA APPROVED PART - PQ2056CE **

ITEM:DOOR WINDOW - NO VENT HOLE-LH (SC15 GRAY)
PART NUMBER: SC-W/G-2437-187-LH
AIRCRAFT MAKE AND MODEL: SOCATA - Groupe Aerospeciale, TB 9, TB 10, TB 20
TB 21, TB 200

SERIAL NUMBERS: 1 thru 1999 except 1900 - (Pre-MOD 151)

REPL PN: TB1Q 25030100, TB10 25030106, TB10 25030102, TB10 25030108

MANUFACTURE DATE: 09-27-2022 MANUFACTURE CODE: 1298883
FOR CONTINUED AIRWORTHINESS SEE AICRAFT P.O.H. OR SERVICE MANUAL

PLEASE KEEP THIS TAG FOR YOUR LOG BOOK.

GREAT LAKES AERO PRODUCTS INC FLINT, MI

APPROVED

Great Lakes Aero Products, Inc
(810)-235-1402
www.glapinc.com
915 Kearsley Park Blvd
Flint, MI 48503

RNW Aircraft Services
Rocklin, CA 95765
Phone 530-314-9458

MAKE/MODEL : SOCATA TB20 REGISTRATION : N20GU
SERIAL NO. : 655 AIRCRAFT TAC : 3017.82
AIRFRAME TT : 3017.82

Date: 12/21/2022 AIRFRAME MAINTENANCE LOGBOOK ENTRY.

REMOVED PILOTS SIDE WINDOW DUE TO A SMALL CRACK FORMED ON VENT WINDOW. REPLACED PILOTS WINDOW WITH PART NUMBER SC-W/G-2437-187-LH SC15 GRAY: (NO VENT HOLE) FOR TB20 FROM GREAT LAKES AERO. (FAA/PMA APPROVED #PQ2056CE) MANUFACTURE DATE OF 09-27-2022, CODE:1298883. SERIAL NUMBERS 1 THRU 1999. (PRE-MOD 151)

INSTALLED THE NEW WINDOW IN ACCORDANCE WITH THE SOCATA MAINTENANCE MANUAL AND APPLICABLE AC 43 SERIES. THE NEW WINDOW DID NOT REQUIRE ANY TRIMMING, 100% CLEAR SILICONE SEALANT WAS USED BETWEEN THE FRAME AND WINDOW FOR PROPER SEALING. UTILIZED 100% BLACK SILICONE SEALANT FOR THE OUTSIDE BEAD. 3/16 ALUMINUM RIVETS WERE USED TO SECURE THE WINDOW TO THE FRAME FROM PREVIOUSLY DRILLED HOLES ON THE ORIGINAL INSTALLATION.

REFER TO APPROVED TAG ENCLOSED IN THE LOGBOOK.

END OF ENTRY

ALL WORK DONE IN ACCORDANCE WITH SOCATA MAINTENANCE MANUALS, AND AC 43.13-1B, SECTION 3 TRANSPARENT PLASTICS, WINDOW INSTALLATION.

Signed Randy L. Sharp Date: 12/21/2022
Randy L. Sharp A&P 2838871

partielles ou générales
or major overhauls

Cachet — Signature réparateur
Organisme de contrôle
Stamp and signature of overhauler
authority

SKY TRAILS AVIATION

Sky Trails Aviation | 2400 Rickenbacker Way | Auburn | CA | 95602
Date: 04-21-2023 **Logbook:** Airframe **Tail Number:** N20GU

Tach: 3029.27 **Hobbs:** **ATT:** 3029.27 **Model:** TB-20 TRINIDAD **Serial:** 655

Aircraft: The aircraft identified above was repaired and inspected in accordance with current maintenance rules under the FARs and is approved for return to service with respect to the work below.

Repairs / Maintenance

- This Aircraft was opened and serviced for Annual Inspection in accordance with a checklist conforming to FAR 43, Appendix D. Repacked all wheel bearings. Checked all fuel system filters. Replaced vacuum system filters. Charged aircraft battery. Lubricated all landing gear points with Aeroshell 22 grease. Performed landing gear retraction tests, including emergency extension.
- Replaced nose gear down assist SACHS rods with factory new parts supplied by customer.
- Replaced flap circuit breaker with new p/n 7277-2-10 Klixon circuit breaker.
- Complied with AD 91-05-02 (Eff. 03/25/1991) by inspection of fuselage frame "0" for cracking, no cracks noted. Observed service kit was previously installed. Reviewed logbooks and found previous compliance on 05/20/2013 when reinforcement kit OPT10915200 was installed. This installation permanently complies with AD 91-05-02. This AD is no longer recurring.
- Complied with AD 2001-23-04 (Eff. 01/04/2001) by inspection of lower rudder hinge for cracks, none found. Next due 12 calendar months, or 04/2024.
- Complied with AD 2003-04-03 (Eff. 04/07/2003) by inspection of aileron gimbal joints, no defects noted. Next due at 3129.27 hours.
- Complied with AD 2015-24-03 (Eff. 01/01/2016) by inspection of stabilator spar for corrosion, none found. Next due for inspection 4/2029.
- Removed, cleaned and serviced ailerons, flaps, and rudder hinge bearings and rod ends with Aeroshell 22 grease per maintenance manual.
- Replaced fuel drain valve p/n TB10 52050001, and O-Ring p/n Z00.N7423550073 on left wing.
- Sealed 3 each fuel tank access panel screws in left wing and 2 each rivet in upper right wing fuel tank skin with CS3204B1/2 sealant.
- Installed 10-32 thread inserts into left main gear wheel for hub cap attachment.
- Resealed left brake caliper and bleed brake system. Ops check good, no leaks noted..
- Removed right main gear actuator, disassembled, cleaned, inspected and replaced old seals and rings using new seal kit p/n Z00.N6028207226. Work was accomplished in accordance with Component Maintenance Manual p/n TB20 47007.
- Replaced old alternator cooling duct with 12 inches of SCAT-4 tubing.
- Reinstalled broken off pilots side instrument panel cover attachment tab with nut plate on outboard side.
- Replaced co-pilot instrument panel outboard shock mount with new p/n Z00.N7677701293 mount.
- Sealed wiring pass through holes at firewall with black RTV.
- Inspected and tested ELT in accordance with FAR 91.207(d). Battery next due for replacement Sept. 13, 2026.
- Replaced broken ground static discharger p/n Z00.N4740492150 on right main gear.

I certify that this Aircraft was inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

Signature: _____ Robert J. Burnett | AP 3633440 I.A.

A reporter .....
Carried forward.

Durée totale des vols : depuis dernière R.G. :..... depuis fabrication :.....
Total flying time since last major overhaul Since manufacture

Dates

Date

wo: AIRMETRICS-2023-025

Airframe - page 1 of 2

AIRMETRICS

AirMetrics, Inc · 2400 Rickenbacker Way · Auburn, CA 95602 · (530) 718-0607 · N/A#: '

N20GU **SOCATA, TB-20 TRINIDAD, S/N: 655** **May 23, 2024**

TACH: 3056.82

Removed Bendix King KAP 150 Autopilot System with Electronic Pitch Trim including Pitch, Roll, and Pitch Trim Servos, aft stabilator pitch trim cable extension, KC 191 Flight Control Computer, KG 258 Horizon Gyro, and KG 107 Directional Gyro. Removed Airborne 211CC Vacuum System including pump, regulator, filter, and hoses.

Removed Standby Vacuum System motor, pump, and switch. Removed Garmin GI 106A CDI. Removed Bendix King KI 208A CDI. Removed Bendix King KT 76A Mode C transponder. Removed Concorde RG-25XC Sealed Lead Acid Battery.

Installed new Concorde RG-25XC Sealed Lead Acid Battery.

Installed Superior SL60430 Vacuum Pump Cover and 07-12760 Gasket.

Installed NuLite LW2014 Instrument Lighting System instrument lights for Airspeed, Altimeter, Tachometer, and Manifold Pressure instruments IAW AC 43.13-1B, Chapter 11, all sections.

Installed Bendix King KT76C Transponder as a slide-in replacement for removed Bendix King KT76A Transponder.

Installed two Garmin GI 275 ADAHRS Multi-Function Display Systems as ADI and HSI, P/N 011-04489-10, and Garmin GMU 11Magnetometer In Accordance With Garmin GI 275 Master Drawing List 005-01208-41, Revision 23, dated February 1, 2024, and Garmin GI 275 Part 23 AMI STC Installation Manual 190-02246-10, Revision 13, dated May 2022. Interfaced GI 275s to Garmin GTN 750 Navigator as GPS 1/NAV 1 and to Bendix King KX 155 as NAV 2. This installation is approved by STC SA02658SE.

Installed Garmin GFC 500 Autopilot with Electronic Stability Protection in accordance with Garmin GFC 500 Master Drawing List 005-01264-00, Revision 90, dated May 1 2024, Garmin GFC 500 Installation Manual 190-02291-00, Revision 24, dated Feb 15. 2023, and Socata TB20/21 GFC 500 Install Manual Addendum 190-02291-72, Revision 1, dated Feb 1, 2021. This installation consists of a Garmin GMC 507

CONTINUES NEXT PAGE →

Dates Date		Nombre d'atterrissages Number of Landings

wo: AIRMETRICS-2023-025 Airframe - page 2 of 2

AIRMETRICS

AirMetrics, Inc - 2400 Rickenbacker Way - Auburn, CA 95602 - (530) 718-0607 - N/A#: '

Autopilot Mode Controller, a Garmin GSA 28 Roll Servo, a Garmin GSA 28 Pitch Servo, and a Garmin GSA 28 Pitch Trim Servo. This installation is approved by STC SA01866WI.

Re-Rigged stabilator pitch trim in accordance with Socata TB 20 Maintenance Manual, P/N Z00.18010320E0R1 Revision 16, dated 1/15/2004, section 27-30-03.

Replaced pilot control wheel main bolt (P/N Z00.N5101229339), washers (P/N Z00.N5701039290), and nut (P/N Z00.N5401458300) in accordance with Socata TB 20 Maintenance Manual, P/N Z00.18010320E0R16, Revision 16, dated 1/15/2004, section 27-30-01.

Printed AFMS for Garmin GI 275 Multifunction Instrument System, Document 190-02246-12, Revision 12, dated 2/2/2024 and placed in aircraft.

Printed Instructions for Continued Airworthiness, Section 3 of Garmin GI 275 Part 23 AML STC Maintenance Manual, Document 190-02246-11, Revision 8, dated 2/2/2024, and placed in aircraft.

Printed AFMS for Garmin GFC 500 Autopilot with ESP, As Installed in Socata TB20/21, Drawing Number 190-02291-73, Revision 2, dated 4/21/2023, and placed in aircraft.

Printed Instructions for Continued Airworthiness, Section 4 of Garmin GFC 500 Autopilot with ESP Part 23 AML STC Maintenance Manual, Document 190-02291-01, Revision 12, dated 1/31/2024 and placed in aircraft.

Computed new Weight and Balance and updated Aircraft Equipment List. Filed FAA Form 337(s).

Robert J Burnett, AP 3633440 IA

A reporter .....
Carried forward.

Durée totale des vols : depuis dernière R.G. : ..... depuis fabrication : .....
Total flying time since last major overhaul Since manufacture

Dates
Date

SKY TRAILS AVIATION

Sky Trails Aviation | 2400 Rickenbacker Way | Auburn | CA | 95602
Date: 07-01-2024 **Logbook:** Airframe **Tail Number:** N20GU
Tach: 3056.88 **Hobbs:** **ATT:** 3056.88 **Model:** TB-20 TRINIDAD **Serial:** 655

Aircraft: The aircraft identified above was repaired and inspected in accordance with current maintenance rules under the FARs and is approved for return to service with respect to the work below.

Repairs / Maintenance

- This Aircraft was opened and serviced for Annual Inspection in accordance with a checklist conforming to FAR 43, Appendix D. Repacked all wheel bearings. Charged aircraft battery. Checked and cleaned fuel screens. Lubricated all landing gear points. Performed landing gear swings, including emergency extension. Checked and serviced brake fluid reservoir. Checked fuel system filters. Replaced fuel strainer O-ring. Checked all AD's through Avant release 2024-12, see AD list this date for details.
- Replace nose wheel bearing cone and cup with new Timken P/N: LM67048-20629 cone and P/N: LM67010-20629cup.
- Replaced broken zip ties on engine mount for engine monitor harness with Adell clamps.
- Stop drilled cracks in pilots door frame near shock strut attachment.
- Replaced left brake linings with new Cleveland 066-10600 linings using 105-00200 rivets.
- Inspected rudder trim not moving full travel, found aft push-pull rod at tab bent. Straightened rod and checked travel, ops check good.
- Complied with AD 2001-23-04 (Eff.01/04/2002) by inspection of lower rudder hinge for cracks, none found. AD next due for compliance 06/2025
- Tested ELT in accordance with FAR 91.207(d).
- Removed and installed pilot's right brake master cylinder for inspection. Replaced the 2 shaft o-rings in master cylinder p/n MS28775-011. Bleed right brake system and ops check good.
- Troubleshoot alternator out light always on. Confirmed alternator is charging at 14 volts. Inspected alternator out sensor pc board, no defects noted. Cleaned electrical wiring contacts on board. Reassembled pc board cover and tested light. Light properly working at this time.

I certify that this Aircraft was inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

Signature: Robert J. Burnett | AP 3633440 I.A.

Dates Date	Nombre de passagers Number of Passengers	Nombre d'atterrissages Number of Landings

wo: AIRMETRICS-2024-044 Avionics · page 1 of 1

AIRMETRICS

AirMetrics, Inc · 2400 Rickenbacker Way · Auburn, CA 95602 · (530) 718-0607 · N/A#: '

N20GU **SOCATA, TB-20 TRINIDAD, S/N: 655** **August 13, 2024**

TACH: 3069.6

Installed Garmin GTP 59 Outside Air Temperature (OAT) probe on aircraft belly, forward of transponder antennas, and interfaced to GI 275 in the ADI position In Accordance With (IAW) Garmin GI 275 Part 23 AML STC Installation Manual, Document 190-02246-10, Revision 19, dated May 2024, Section 4.6.2 (installation) and Figure B2 (wiring) . Re-terminated instrument panel illumination for Visor Lights (potentiometer output to Fluorescent ballast), EIS overhead lighting, compass lighting, Transponder, and Audio Panel illumination to the instrument lighting terminal strip located on the left side of the rear instrument panel. Illumination wiring completed IAW AC 43.13 1B, Chapter 11, all sections. Updated ADI and HSI GI 275 Main Software from Version 3.01 to Version 3.20 IAW Garmin Service Bulletin 24030 Rev B and Garmin GI 275 Part 23 AML STC Installation Manual, Document 190-02246-10, Revision 19, dated May

s required
d by §
§ 91.217,
CFR Part

.....
ward.

Leak Acft/Case 8901200

Test Altitude	Scale Error	Friction Error	Encoder
-1000	0		-1.0
0	-1.0		.0
500	-2.0		.5
1000	-1.0	2.0	1.0
1500	-1.0		1.5
2000	0	2.0	2.0
3000	0	2.0	3.0
4000	0		4.0
5000	-3.0		5.0
6000	-3.0		6.0
8000	-5.0		8.0
10000	-6.0	2.0	10.0
12000	-6.0		12.0
14000	-7.0		14.0
15000	-7.0	2.0	15.0
16000	-8.0		16.0
18000	-8.0		18.0
20000	-9.0	3.0	20.0
22000			
25000			
30000			
35000			
40000			
45000			
50000			

Hysteresis

% Altitude Tested	Altitude Tested	Amount Hysteresis
50%	104	42.0
40%	84	11.0

After Effect 0 Check Pitot Heat ☑

Baro. Scale Error (± 25 ft.)

28.10	-1727
28.50	-1340
29.00	-863
29.50	-392
29.92	0
30.50	+531
30.90	+893
30.99	+974

Aircraft # N2064

Date Tested: 8/14/24

Technician:

Inspector:

Tested in compliance with Appendix E, Part 43, F.A.R 91.411
Tested to: 204 ft. W.O. #: 25726

Precision Static Testing FAA CRS# QJAR856X

PILOT / FIRST OFFICER / STAND-BY

Form 1A

A32 / 08 Jan 2007

Dates

Date

SKY TRAILS AVIATION

09/01/2025 RJB

Sky Trails Aviation | 2400 Rickenbacker Way | Auburn | CA | 95602

Date: ~~08-26-2025~~ **Logbook:** Airframe **Tail Number:** N20GU

Tach: 3117.85 **Hobbs:** **ATT:** 3117.85 **Model:** TB-20 TRINIDAD **Serial:** 655

Aircraft: The aircraft identified above was repaired and inspected in accordance with current maintenance rules under the FARs and is approved for return to service with respect to the work below.

Repairs / Maintenance

- This Aircraft was opened and serviced for Annual Inspection in accordance with a checklist conforming to FAR 43, Appendix D. Repacked all wheel bearings. Charged aircraft battery. Checked fuel system filters. Lubricated all flight control and landing gear points. Performed landing gear retraction tests, including emergency extension. Checked and serviced brake fluid reservoir. Checked all AD's through this date using TBX AD system.
- Checked right and left fuel tank vent tubes for obstructions, none found. Blew out lines to verify no blockages.
- Installed riv-nut and screw to secure pilots door lower forward section of upholstery panel to door.
- Secured wiring under instrument panel that was being hit by yoke when fully pulled back.
- Bleed right brake system and serviced system with MIL-H-5606 hydraulic fluid. Operational checks good.
- Secured pitot tube heat wiring in wing to prevent chafing rib in wing.
- Cleaned and lubricated throttle and propeller controls, operational checks good.
- Tested ELT in accordance with FAR 91.207(d).
- Complied with AD 2001-23-04 (Eff. 01/04/2002) by inspection of lower rudder hinge for cracks, none found. AD next due for compliance 08/2026.
- Complied with AD 2003-04-03 (Eff. 04/09/2003) by inspection of aileron control gimbals, no issues noted. AD next due for compliance at 3217.85 tach.

I certify that this Aircraft was inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

Signature: **Robert J. Burnett** | AP 3633440 I.A.

The Standard

ENGINE LOG

ASA-SE-2

Engine Record General Information

Manufacturer Lycoming **Model** IO-540-C4D5D

Serial L-23149-48A **Type Certificate**

This engine is currently installed in aircraft: N20GU

Minimum Octane Fuel **Oil Grade** Summer Winter

Magneto Time **Point Setting** **Firing Order**

Spark Plug Gap

Manufacturer's Recommended Overhaul at 2000 **hours**

YEAR 20 ____ DATE	RECORDING TACH TIME	TI FI	pairs and Alterations nd Certificate Number of for other specific entries.)

CERTIFIED ENGINE OVERHAUL

EXODUS AIR SERVICE, CORP.
4555 WEST AVE "G"
LANCASTER, CA 93536
661-942-6489
661-942-0012 FAX
WJF
F.A.A REPAIR STATION #XXOR712L

MAKE Lycoming
MODEL IO-540-C4D5D
S/N L-23149-48A

HOURS SINCE MAJOR OVERHAUL 0.00

THIS ENGINE WAS OVERHAULED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE PERTINENT DETAILS OF THE REPAIR ARE ON FILE UNDER

WORK ORDER NUMBER 773

DATE 04-19-2013

AUTHORIZED SIGNATURE

TOTAL TIME ON ENGINE

BEFORE OVERHAUL 2217.74

May 2, 2013

[EXODUS AIR SERVICE]

4555 West Ave "G" Ste#6 (WJF) Lancaster, California 93536 Phone (661) 942-6489

Engine M/N IO-540-C4D5D S/N L-23149-48A Eng. T.T. 2217.74

TSMO 0.00 W/O 773

This engine was disassembled, cleaned, inspected Major overhaul and re-assembled after the following work: Connecting rods, Camshaft, Crankshaft overhauled by Aircraft Specialties Services, Inc. Crankcase repair by Divco, Inc. and all engine parts were inspected by Active Magnetic, Sun Valley, CA. Fuel system overhauled by D&G supply. Alternator, Starter overhauled by Aero Accessories. Cylinder's overhauled by Exodus Air Service Inc. Magnetos clean, inspected overhauled & bench tested. Plating services by Aero Chrome. The following parts were replaced at engine assembly: LW13792 Crankshaft seal, LW13377 Gasket set, SL72877 Lifter, SL16711A MO6 Main bearings, 65007 Retainer, SL13884 MO6 Main bearings, 61084 Oil pressure spring, 1028-B Oil pressure ball, AN8-14A Crankshaft bolt, AN565B1032H5 Set screw, O5K23463 Oil pump impeller's, AEL11795 Spring inner, LW11800 Spring outer, LW60009 Key intake valve, 17C21191 Key exhaust, LW19001 Exhaust valve, 16R22291PO5 Exhaust guide, 75061 Connecting rod bolt, LW12186 Connecting rod nut, SL13521 Connecting rod bearing's, AEL75089 Piston, LW14078 Piston pin, ST203 Ring set, 74637Rocker arm bushings, AA48103-2 Oil filter, LW12892 Thrust button, LW13790 Rocker shaft, O6B23072 Oil filter gasket, 55k21022 Spacer, O5S21021 Spring, 70484 Screen, 10-400576 Capacitor, 69603 Intake hose, 10-400567 Bearing, 10-382585 Contac Assy, 10-391213 Screw, 10-50752 Felt washer, 10-163374 Felt strip, LW15592-8-28 Clamp, LW15592-5-05 Clamp, STD-2180 Hose, 53E22144 Vernatherm, 31C-12 Studs, LW 14995, 10-90788-5 Woodruff key, AB682016 Gear kit, 72965 Roller, AEL73810 Bushing, LW13923 Bushing, LW14820 Counterweight circlips, SL71903 Bushing, SL71907A Washer, SL72797 Roller, MS29512-10 O ring, MS29512-06 O-ring, 77611, Engine returned to service.

Juan Paiz

Juan Paiz

F.A.A REPAIR STATION #XXOR712L

YEAR
20 ____
DATE

ENGINE MODEL:
IO-540-C4D5D
ENGINE S/N: L-23149-48A
REG. NO: N20GU
WORK ORDER:
1076-01-2013

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 5/20/2013
A/C TSN: 2217.75
ENG TT: 2217.74
TSMOH: 0
TACH: 2217.74

Engine Entries

(2) Complied with 100hr inspection per FAR43(app d). Engine removed and replaced after overhaul by Exodus Air. Engine serviced with 12qts AS100 oil. Engine washed and ground ran, no defects noted.... (8) Complied with AD2011-26-04 Fuel injector lines by visual inspection, no defects noted. NID ACTT: 2317.75... (11) Removed and replaced alternator belt with new 37A19773-376 belt and tensioned.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1076-01-2013, Dated 5/20/2013.

DATE: 5/20/2013 SIGNED:

Chris Tharp, A&P: 2755348AP

Work Order: 1076-01-2013

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ENGINE MODEL:
IO-540-C4D5D
ENGINE S/N: L-23149-48A
REG. NO: N20GU
WORK ORDER:
1132-08-2013

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 8/15/2013
A/C TSN: 2250.71
ENG TT: 2250.7
TSMOH: 32.96
TACH: 2250.7

Engine Entries

(1) Changed oil and filter CH48103-1, filter cut and inspected, no defects found. Engine serviced with 12qts AS100W Plus. Engine washed and ground ran no defects noted.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1132-08-2013, Dated 8/15/2013.

DATE: 8/15/2013 SIGNED:

Chris Tharp, A&P: 2755348AP

Work Order: 1132-08-2013

Printed by EBis 3 (datcomedia.com)

YE/
20.
DAT

ENGINE MODEL:
IO-540-C4D5D
ENGINE S/N: L-23149-48A
REG. NO: N20GU
WORK ORDER:
1222-05-2014

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 6/4/2014
A/C TSN: 2317.05
ENG TT: 2317.04
TSMOH: 99.3
TACH: 2317.04

terations
lumber of
fic entries.)

Engine Entries

(2) Complied with 100hr inspection per FAR43(app d). Changed oil and filter CH48103-1, filter cut and inspected, no defects noted. Engine serviced with 12qts AS100w Plus. Engine washed and ground ran, no defects noted.... (4) Complied with compression check as follows 1-76 2-76 3-76 4-78 5-78 6-74/80psi.... (11) Complied with AD2011-26-04 Fuel injector lines by visual inspection of all clamps, no defects noted. NID ACTT: 2417.05

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1222-05-2014, Dated 6/4/2014.

DATE: 6/4/2014 SIGNED: Work Order: 1222-05-2014

Chris Tharp, A&P: 2755348AP

Printed by EBis 3 (datcomedia.com)

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

ENGINE MODEL:
IO-540-C4D5D
ENGINE S/N: L-23149-48A
REG. NO: N20GU
WORK ORDER:
1236-06-2014

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 6/20/2014
A/C TSN: 2330.02
ENG TT: 2330.01
TSMOH: 112.27
TACH: 2330.01

Engine Entries

(1) Removed magneto and replaced with overhauled PN: 10-682560-11R SN: C-04045, timed magneto to engine and ground ran, no defects noted.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1236-06-2014, Dated 6/20/2014.

DATE: 6/20/2014 SIGNED:

Chris Tharp, A&P: 2755348AP

Work Order: 1236-06-2014

Printed by EBis 3 (datcomedia.com)

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

ENGINE MODEL:
IO-540-C4D5D
ENGINE S/N: L-23149-48A
REG. NO: N20GU
WORK ORDER:
1375-06-2015

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 8/3/2015
A/C TSN: 2440.07
ENG TT: 2440.06
TSMOH: 222.32
TACH: 2440.06

Engine Entries

(2) Complied with 100hr inspection per FAR43(app d). Changed oil and filter CH48103-1, filter cut and inspected, no defects noted. Engine serviced with 12qts AS100Wplus, engine washed and ground ran, no defects noted.... (4) Engine compression check # 1-74/80 #2-78/80 #3-76/80 #4-76/80 #5-78/80 #6-76/80.... (12) Complied with AD2011-26-04 Fuel injector lines by visual inspection, no defects noted. NID ACTT: 2540.07

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1375-06-2015, Dated 8/3/2015.

DATE: 8/3/2015 SIGNED:

Chris Tharp, A&P: 2755348AP

Work Order: 1375-06-2015

Printed by EBis 3 (datcomedia.com)

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

ENGINE MODEL:
IO-540-C4D5D
ENGINE S/N: L-23149-48A
REG. NO: N20GU
WORK ORDER:
1529-08-2016

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 9/8/2016
A/C TSN: 2555.36
ENG TT: 2555.35
TSMOH: 337.61
TACH: 2555.35

Engine Entries

(2) Complied with 100hr inspection per FAR43(app d). Changed oil and filter CH48103-1, engine serviced with 12qts AS100W Plus. Engine washed and ground ran no defects noted... (4) Complied with differential compression check as follows 1-70 2-74 3-76 4-75 5-74 6-77/80

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1529-08-2016, Dated 9/8/2016.

DATE: 9/8/2016 SIGNED: Work Order: 1529-08-2016

Chris Tharp, A&P: 2755348AP

Printed by EBis 3 (datcomedia.com)

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

PROP MODEL:
HC-C3YR-1RF/F7693F
PROP S/N: PA582B
REG. NO: N20GU
WORK ORDER:
1529-08-2016

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 9/8/2016
A/C TSN: 2555.36
PROP TT: 337.61
TSPOH: 337.61
TACH: 2555.35

Prop Entries

(3) Complied with 100hr inspection per FAR43(app d).

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1529-08-2016, Dated 9/8/2016.

DATE: 9/8/2016 SIGNED: Work Order: 1529-08-2016

Chris Tharp, A&P: 2755348AP

Printed by EBis 3 (datcomedia.com)

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

ENGINE MODEL:
iO-540-C4D5D
ENGINE S/N: L-23149-48A
REG. NO: N20GU
WORK ORDER:
1687-09-2017

Barber Aviation

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 10/1/2017
A/C TSN: 2640.43
ENG TT: 2640.42
TSMOH: 422.68
TACH: 2640.42

Engine Entries

(2) Complied with 100hr inspection per FAR43(app d). Changed oil and filter CH48103-1, engine serviced with 12qts AS100W. Engine washed and ground ran no defects noted... (4) Complied with compression check as follows 1-74 2-78 3-75 4-74 5-60 6-76/80

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1687-09-2017, Dated 10/1/2017.

DATE: 10/1/2017 SIGNED: Work Order: 1687-09-2017

Chris Tharp, A&P: 2755348AP

Printed by EBis 3 (datcomedia.com)

YEAR 20 ___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

ENGINE MODEL:
ENGINE S/N:
REG. NO: 206UG
WORK ORDER:
20105-04-2018

West Air Aircraft Inc.

311 West Jack London Blvd #5
Livermore, CA 94551
Phone: (925)245-0544

DATE: 4/25/2018
A/C TSN:
ENG TT:
TSMOH:
TACH: 2716.49

Engine Entries

Replaced starter with new Hartzell Engine Technology P/N 144-NL S/N H-R092202 with new hardware. Starter ground ops checked good.

The component(s) and/or discrepancy (ies) identified on this work order , to the above mentioned aircraft were repaired and inspected in accordance with current Federal Air Regulations and were found airworthy for return to service.

DATE: 4/25/2018 SIGNED: Work Order: 20105-04-2018

Abdi Anvari, A&P: 2356368IA

Printed by EBis 3 (datcomedia.com)

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

ENGINE MODEL:
IO-540-C4D5D
ENGINE S/N: L-23149-48A
REG. NO: N20GU
WORK ORDER:
1838-07-2018

C AND T Aviation INC

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 7/30/2018
A/C TSN: 2731.09
ENG TT: 2731.08
TSMOH: 513.34
TACH: 2731.08

Engine Entries

(1) Performed oil change cut and inspected filter, no defects noted. Installed new CH48103-1 oil filter and filled with 12 qts of A/S100+ oil.... (2) Bore scoped #2 cylinder and no defects were noted, replaced all spark plugs with new URHM40E. performed test run and CHT normalized.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1838-07-2018, Dated 7/30/2018.

DATE: 7/30/2018 SIGNED: Work Order: 1838-07-2018

Mike Coberly, A&P: 569374220

Printed by EBis 3 (datcomedia.com)

YEAR
20
DATE

ENGINE MODEL:
IO-540-C4D5D
ENGINE S/N: L-23149-48A
REG. NO: N20GU
WORK ORDER:
1858-08-2018

C AND T Aviation INC

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 9/18/2018
A/C TSN: 2742.53
ENG TT: 2742.52
TSMOH: 524.78
TACH: 2742.52

rations
nber of
entries.)

Engine Entries

(2) Complied with 100hr inspection per FAR43(app d).... (4) Complied with differential compression check as follows 1-76 2-75 3-76 4-74 5-- 6-75/80... (7) Removed #5 Cylinder due to burnt valve and installed new Lycoming cylinder.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1858-08-2018, Dated 9/18/2018.

DATE: 9/18/2018 SIGNED: Work Order: 1858-08-2018

Chris Tharp, IA: 2755348AP

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
IO-540-C4D5D
ENGINE S/N: L-23149-48A
REG. NO: N20GU
WORK ORDER:
2019-09-2019

C AND T Aviation INC

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 10/7/2019
A/C TSN: 2831.98
ENG TT: 2831.97
TSMOH: 614.23
TACH: 2831.97

Engine Entries

(2) Complied with 100hr inspection per FAR43(app d). Changed oil and filter CH48103-1, engine serviced with 9qts AS100WPLUS. Engine washed and ground ran no defects noted.... (4) Complied with diferential compression check as follows 1-68 2-74 3-70 4-76 5-78 6-72/80... (13) Removed Magneto and replaced with Kelly Overhauled unit PN: 10-682560-11R SN: H-06556. Timed magneto to engine, ground ran aircraft, ops check good.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2019-09-2019, Dated 10/7/2019.

DATE: 10/7/2019 SIGNED: Work Order: 2019-09-2019

Chris Tharp, IA: 2755348AP

Printed by EBis 3 (datcomedia.com)

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

ENGINE MODEL
IO-540-C4D5D
ENGINE S/N: L-23149-48A
REG. NO. N20GU
WORK ORDER
2378-12-2021

C AND T Aviation INC

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 3/9/2022
A/C TSN: 2954.07
ENG TT: 2954.06
TSMOH: 736.32
TACH: 2954.06

Engine Entries

(2) Complied with 100hr inspection per FAR43(app d). Changed oil and filter CH48103-1, engine serviced with 9qts AS100WPLUS. Engine washed and ground ran no defects noted.... (4) Complied with compression check as required. Results were 1-72, 2-76, 3-72, 4-76, 5-76, 6-74/80.... (15) Lapped cylinder 6 exhaust valve. Ground ran engine, no defects noted.... (20) Complied With AD 2015-19-07 Fuel injector lines by visual inspection IAW Lycoming
Engines Mandatory Service Bulletin (MSB) No. 342G, dated July 16, 2013; Supplement No. 1 to MSB No. 342G, dated August 29, 2013; and Supplement No. 2 to MSB No. 342G, dated January 23,2014 no defects noted. NID ACTT: 3059.32

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2378-12-2021. Dated 3/9/2022.

DATE: 3/9/2022 SIGNED

Work Order: 2378-12-2021

Chris Tharp, IA: 2755348AP

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YEAR 20 22 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
AUG. 3	3002.77			

SOCATA TB-20 N20GU S/N 655
LYCOMING IO-540-C4D5D S/N L-23149-48A
AUG. 3, 2022 TACH TIME-3002.77

TROUBLESHOT FAULTY RIGHT SIDE MAGNETO OPERATION, REMOVED MAGNETO, D6LN-3000, S/N H-06556 AND ROUTED TO AERO ACCESSORIES FOR REPAIR. REINSTALLED MAGNETO, D6LN-3000, S/N H-06556 AFTER 500HR INSPECTION AND REPAIR BY AERO ACCESSORIES, CRS# XB2R286L. MAGNETO IMPULSE COUPLING INSPECTION ACCOMPLISHED IN ACCORDANCE WITH AD2005-12-06, NEXT INSPECTION DUE IN 500 HOURS, SEE FAA FORM 8130-3 DATED 29 JUL 2022 FOR MAGNETO REPAIR DETAILS. TIGHTENED LOWER FORWARD CRANKCASE PARTING HALVE AND OIL SUMP SECURING HARDWARE, TIGHTENED INDUCTION ELBOW HOSE CLAMPS AND CYLINDER OIL RETURN LINE HOSE CLAMPS. CHANGED OIL AND FILTER, NEW CH48103-1 FILTER INSTALLED AND 9 QTS AEROSHELL W100 PLUS ADDED, INCLUDING ONE BOTTLE OF CAMGUARD. MAGNETO INSTALLATION ACCOMPLISHED IN ACCORDANCE WITH LYCOMING SI1508C, REFERENCED LYCOMING IO-540 OPERATORS MANUAL FOR REMAINING WORK, GROUND RUNUP,LEAK CHECK SATISFACTORY.

DAVID M PAGE A&P 3130153 David M Page

YEAR 20 22 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
12/2	3017.62			

SOCATA TB20 N20GU S/N 655 DEC. 2, 2022
LYCOMING IO-540-C4D5D S/N L-23149-48A
TACH TIME-3017.62

INSTALLED THE FOLLOWING COMPONENTS RELATED TO UPGRADING THE EXISTING INSIGHT 603 TEMPERATURE INDICATOR TO A G3, 610C TEMPERATURE INDICATOR TO INCLUDE FUEL FLOW / TOTALIZER SENSOR P/N 1000-004A-3 SERIAL# 269413, NEW HOSE INSTALLATIONS P/N'S 111F417-6S-0070 AND 111F417-6S-0160, STANDBY OIL PRESSURE AND TEMP SENSORS, P/N'S 610C-024 610C-022-1, VIBRATION SENSOR P/N 1000-004V, RPM PICKUP SENSOR INSTALLED AT RIGHT P-LEAD LOCATION. PREVIOUSLY INSTALLED EGT AND CHT TEMP SENDERS P/N'S 2870 AND 2853 REMAIN. SEE FAA FORM 337 AND AIRCRAFT LOGBOOK ENTRY FOR FURTHER DETAILS, INSTALLATIONS ACCOMPLISHED IN ACCORDANCE WITH STC# SA02930NY AND AC43.13.1B,2B GROUND RUNUPS AND LEAK CHECKS ACCOMPLISHED, SYSTEM OPERATIONS FOUND TO BE SATISFACTORY.

DAVID M PAGE A&P 3130153 IA

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

SKY TRAILS AVIATION

Sky Trails Aviation | 2400 Rickenbacker Way | Auburn | CA | 95602
Date: 04-21-2023 **Logbook:** Engine 1 **Tail Number:** N20GU
Make: LYCOMING **Model:** IO-540-C4D5D **Serial:** L-23149-48A

Tach: 3029.27 **TSN:** 3029.27 **TSMOH:** 811.53

Engine: The aircraft engine identified above was repaired and inspected in accordance with current maintenance rules under the FARs and is approved for return to service with respect to the work below.

Repairs / Maintenance

- Changed oil and filter. Cut open old filter and inspect, no metal found. Serviced engine with 12 quarts of Aeroshell 100 mineral oil. Serviced, tested and rotated all spark plugs. Checked magneto to engine timing. Compression check results: #1 76/80 #2 78/80 #3 70/80 #4 78/80 #5 78/80 #6 12/80. Checked fuel system filters. Ground runs good, no leaks noted.
- Replaced #6 cylinder with overhauled exchange standard size cylinder assembly from Gibson Aviation. Checked new piston ring end gaps and installed new rings onto original piston after cleaning ring grooves. Cylinder installed with all new seals and gaskets.
- Complied with AD 2015-19-07 (Eff. 11/03/2015) by inspection of fuel injector lines and clamps. No defects noted, next due at fuel injector servicing or clamp replacement.
- Fabricated and installed aft baffle plate attachment bracket for attachment to engine upper case bolt.
- Installed clamps and hardware missing from aft baffle plate right and left attachment points per I.P.C.
- Replaced cylinder #3 and #4 drain back tube hoses with stock MIL-H-6000 3/8 I.D. hose.
- Cleaned engine breather tube and tightened connection hose clamps to prevent oil weeping from breather tube connections.
- Replaced crush gasket p/n MS35769-31 on oil pressure relief valve housing. Ops check good, no leaks ntoed.
- Replaced #2 and #5 fuel injector lines with new Superior Airparts FAA/PMA p/n SL12098-0-210 Fuel lines. Leak check good, no defects noted.

I certify that this Engine was inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

Signature: _____ Robert J. Burnett | **AP 3633440 I.A.**

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

SKY TRAILS AVIATION

Sky Trails Aviation | 2400 Rickenbacker Way | Auburn | CA | 95602
Date: 07-01-2024 **Logbook:** Engine 1 **Tail Number:** N20GU
Make: LYCOMING **Model:** IO-540-C4D5D **Serial:** L-23149-48A
Tach: 3056.88 **TSN:** 3056.88 **TSMOH:** 839.14

Engine: The aircraft engine identified above was repaired and inspected in accordance with current maintenance rules under the FARs and is approved for return to service with respect to the work below.

Repairs / Maintenance

- Changed oil and filter. Cut open old filter and inspect, no metal found. Serviced engine with 11 quarts of Aeroshell W100 plus oil. Serviced all spark plugs. Checked magneto to engine timing. Serviced all fuel injectors. Replaced induction air filter element. Compression check results: #1 73/80 #2 74/80 #3 74/80 #4 75/80 #5 77/80 #6 75/80. Ground runs good, no leaks noted.
- Replaced #1 and #5 cylinder oil drain back tube hoses.
- Complied with AD 2015-19-07 (Eff. 11/03/2015) by inspection of fuel injector lines and clamps, no defects noted. AD next due for compliance at next fuel injector removal or at 3166.88 Tach Time.

I certify that this Engine was inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

Signature: _____ Robert J. Burnett | **AP 3633440 I.A.**

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

09/01/2025 RB

SKY TRAILS AVIATION

Sky Trails Aviation | 2400 Rickenbacker Way | Auburn | CA | 95602
Date: ~~08-26-2025~~ **Logbook:** Engine 1 **Tail Number:** N20GU
Make: LYCOMING **Model:** IO-540-C4D5D **Serial:** L-23149-48A
Tach: 3117.85 **TSN:** 3117.85 **TSMOH:** 900.11

Engine: The aircraft engine identified above was repaired and inspected in accordance with current maintenance rules under the FARs and is approved for return to service with respect to the work below.

Repairs / Maintenance

- Changed oil and filter. Cut open old filter and inspect, no metal found. Serviced engine with 10 quarts of Aeroshell W100 plus oil. Serviced all spark plugs. Checked magneto to engine timing. Serviced all fuel injectors. Checked fuel filter screen. replaced induction air filter element. Compression check results: #1 75/80 #2 77/80 #3 77/80 #4 70/80 #5 74/80 #6 76/80. Ground runs good, no leaks noted.
- Checked and cleaned oil pressure transducer wiring connectors, operational checks of oil pressure indicating system good.
- Replaced #2 cylinder intake and exhaust pushrod tube seals.
- Replaced magneto mounting gasket with new LW-12681 gasket. Reset magneto to engine timing.
- Replaced engine breather tube hose with new length of CAT ducting.
- Complied with AD 2015-19-07 (Eff. 11/03/2015) by inspection of fuel injector lines and clamps, no issues noted. AD next due for compliance at 3227.85 Tach.

I certify that this Engine was inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

Signature: _____ Robert J. Burnett | **AP 3633440 LA.**

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-C3YR-1RF/F7693F

PROPELLER S/N PA582B

LOGBOOK # 1

PROPELLER MAINTENANCE RECORD

Position Single

Propeller Model HC-C3YR-1RF/E7693F

Propeller S/N PA582B

Blade Design

Blade S/N's

No. 1 L32376

No. 2 L32377

No. 3 L32378

No. 4

No. 5

No. 6

Spinner Assembly Part No.

PITCH RANGE

High/Feather 31

Start Lock NA

Low 13

Reverse NA

Aircraft Manufacturer Socata

Aircraft Model TB-20

S/N 655

Registration N20GU

Date

PROP MODEL
HC-C3YR-1RF/F7693F
PROP S/N: PA582B
REG. NO: N20GU
WORK ORDER
1076-01-2013

Barber Aviation
4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 5/20/2013
A/C TSN: 2217.75
PROP TT: 0
TACH: 2217.74

Prop Entries

(3) Installed new Hartzell propeller HC-C3YR-1RF/F7693F IAW STC SA01192CH. See FAA337 and revised weight and balance this date. Complied with 100hr inspection per FAR43(app d)

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1076-01-2013, Dated 5/20/2013.

DATE: 5/20/2013 SIGNED: Work Order: 1076-01-2013

Chris Tharp, A&P 2755348AP Printed by EBis 3 (datcomedia.com)

PROP MODEL
HC-C3YR-1RF/F7693F
PROP S/N: PA582B
REG. NO: N20GU
WORK ORDER
1222-05-2014

Barber Aviation
4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 6/4/2014
A/C TSN: 2317.05
PROP TT: 99.3
TSPOH: 99.3
TACH: 2317.04

Prop Entries

(3) Complied with 100hr inspection per FAR43(app d). Dressed propeller blades.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1222-05-2014, Dated 6/4/2014.

DATE: 6/4/2014 SIGNED: Work Order: 1222-05-2014

Chris Tharp, A&P 2755348AP Printed by EBis 3 (datcomedia.com)

PROP MODEL
HC-C3YR-1RF/F7693F
PROP S/N: PA582B
REG. NO: N20GU
WORK ORDER
1687-09-2017

Barber Aviation
4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 10/1/2017
A/C TSN: 2640.43
PROP TT: 422.68
TSPOH: 422.68
TACH: 2640.42

Prop Entries

(3) Complied with 100hr inspection per FAR43(app d). Dressed propeller blades.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1687-09-2017, Dated 10/1/2017.

DATE: 10/1/2017 SIGNED: Work Order: 1687-09-2017

Chris Tharp, A&P 2755348AP Printed by EBis 3 (datcomedia.com)

PROP MODEL
HC-C3YR-1RF/F7693F
PROP S/N: PA582B
REG. NO: N20GU
WORK ORDER
1858-08-2018

C AND T Aviation INC
4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 9/18/2018
A/C TSN: 2742.53
PROP TT: 524.78
TSPOH: 524.78
TACH: 2742.52

Prop Entries

(3) Complied with 100hr inspection per FAR43(app d). Dressed propeller blades.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1858-08-2018, Dated 9/18/2018.

DATE: 9/18/2018 SIGNED: Work Order: 1858-08-2018

Chris Tharp, IA 2755348AP Printed by EBis 3 (datcomedia.com)

PROP MODEL
HC-C3YR-1RF/F7693F
PROP S/N: PA582B
REG. NO: N20GU
WORK ORDER
2019-09-2019

C AND T Aviation INC

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 10/7/2019
A/C TSN: 2831.58
PROP TT: 614.23
TSPOH: 614.23
TACH: 2831.97

Date

ctives,
pections.

Prop Entries

(3) Complied with 100hr inspection this date per FAR43(app d). Dressed blades.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2019-09-2019, Dated 10/7/2019

DATE: 10/7/2019 SIGNED:

Work Order: 2019-09-2019

Chris Tharp, IA: 2755348AP

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PROP MODEL:
HC-C3YR-1RF/F7693F
PROP S/N: PA582B
REG. NO: N20GU
WORK ORDER:
2189-11-2020

C AND T Aviation INC

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 12/8/2020
A/C TSN: 2892.7
PROP TT: 674.95
TSPOH: 674.95
TACH: 2892.69

Prop Entries

(3) Complied with 100hr inspection this date per FAR43(app d). Dressed blades.

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2189-11-2020, Dated 12/8/2020

DATE: 12/8/2020 SIGNED:

Work Order: 2189-11-2020

Chris Tharp, IA: 2755348AP

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PROP MODEL:
HC-C3YR-1RF/F7693F
PROP S/N: PA582B
REG. NO: N20GU
WORK ORDER:
2378-12-2021

C AND T Aviation INC

4130 Aviation Drive
Madera, ca 93637
Phone: 559-675-0183

DATE: 3/9/2022
A/C TSN: 2954.07
PROP TT: 736.32
TSPOH: 736.32
TACH: 2954.06

Prop Entries

(3) Complied with 100hr inspection this date per FAR43(app d).

Maintenance Release

The aircraft and/or component(s) on N20GU was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2378-12-2021, Dated 3/9/2022

DATE: 3/9/2022 SIGNED:

Work Order: 2378-12-2021

Chris Tharp, IA: 2755348AP

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SKY TRAILS AVIATION

Sky Trails Aviation | 2400 Rickenbacker Way | Auburn | CA | 95602
Date: 04-21-2023 **Logbook:** Propeller 1 **Tail Number:** N20GU

Tach: 3029.27 **PTT:** 811.53 **Model:** HC-C3YR-1RF / F7693F **Serial:** PA582B

Propeller: The aircraft propeller identified above was repaired and inspected in accordance with current maintenance rules under the FARs and is approved for return to service with respect to the work below.

Repairs / Maintenance

Blended nicks in propeller blades.

I certify that this Propeller was inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

Signature: _____ **Robert J. Burnett | AP 3633440 I.A.**

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.

SKY TRAILS AVIATION

Sky Trails Aviation | 2400 Rickenbacker Way | Auburn | CA | 95602
Date: 07-01-2024 **Logbook:** Propeller 1 **Tail Number:** N20GU
Tach: 3056.88 **PTT:** 839.14 **Model:** HC-C3YR-1RF / F7693F **Serial:** PA582B

Propeller: The aircraft propeller identified above was repaired and inspected in accordance with current maintenance rules under the FARs and is approved for return to service with respect to the work below.

Repairs / Maintenance

- Profiled propeller blades. Lubricated hub with Aeroshell Grease #6.

I certify that this Propeller was inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

Signature: **Robert J. Burnett | AP 3633440 I.A.**

09/01/2025

SKY TRAILS AVIATION

Sky Trails Aviation | 2400 Rickenbacker Way | Auburn | CA | 95602
Date: ~~08-26-2025~~ **Logbook:** Propeller 1 **Tail Number:** N20GU
Tach: 3117.85 PTSOH: N/A PTT: 900.11 **Model:** HC-C3YR-1RF / F7693F **Serial:** PA582B

Propeller: The aircraft propeller identified above was repaired and inspected in accordance with current maintenance rules under the FARs and is approved for return to service with respect to the work below.

Repairs / Maintenance

- Blend small nicks in propeller blades

I certify that this Propeller was inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

Signature: **Robert J. Burnett | AP 3633440 I.A.**