TOTAL	Removed damaged Tanis heat probe for cylinder #2. Installed new probe (P/N TA2771-1) Procedures. New probe required.
TIME	IAW Tanis Engine Preheat System Users Guide, Inspection/Maintenance-Replacement Procedures. New probe required connector conversion, Removed old conversion.
SERVICE	Procedures. New probe required connector conversion. Removed old connectors on wires for TN02594. During one shall feel and installed new connectors IAW Tanis Connectors on wires for TN02594. During one shall feel and installed new connectors IAW Tanis Connectors Described to the connector of the connectors on wires for TN02594. During one shall feel and the connectors IAW Tanis Connectors Described to the connectors of th
	Tanis heat probe and installed new connector conversion. Removed old connectors on wires for
	Tanis heat probe and installed new connectors IAW Tanis Connectors on wires for TN02594. During ops check, found probes for cylinders 2,4 and 6 to be inop. Power wire Tanis Cable Kit American Connector Conversion Document disconnected at junction where probe leads connect. Re-soldered powers are connected as a connected at junction where probe leads connect. Re-soldered powers are connected as a connected a
	disconnected at junction where probe leads connect. Re-soldered power wire to junction IAW Tanis Cable Kit drawing 03014. Ops check of preheat system good.
	Maintenance Release The aircraft and/
	The aircraft and/or component(s) as listed above was repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station.
	Regulations. Pertinent details are on file at this repair station
	- France
	JOE LEONARD CRS#: BGSR439C
	333,4350
	★ Freedom Aviation
	310 Hangar Road
	Lynchburg, VA 24502
	FREEDOM (434) 237-3342
	CRS# BGSR439C
	Date: 12/44/2022, Alexand Microphy T.
	Date: 12/14/2023; Aircraft: N583PU; Type: SR20; S/N: 2043; Tach: 5656.7, WO#: F23-2275
	Inspection Entries
	Complied with 100hr/annual inspection on N583PU IAW 14CFR 43 Appendix D using Cirrus
	SR20 AMM 5-20 checklist as a guide.
	Inspection Release
	I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. Pertinent details are on file at this repair station.
	to be in all worthy condition. I criment details are on me at this repair standin.
	- Tankell
	JOE LEONARD CRS#: BGSR499C
	★ Freedom Aviation
	310 Hangar Road
	Lynchburg, VA 24502
	FREEDOM (434) 237-3342 CRS# BGSR439C
	Date: 12/29/2023; Aircraft: N583PU; Type: SR20; S/N: 2043; Tach: 5663.4.5; WO#: F23-2383
	Airframe Entries
	Flaps blowing circuit breaker. Determined flap relay to be shorted internally. Removed INOP
	electronic flan relay P/N: 29409-001 IAW SB 2X-27-17 and installed 2 new flap relays P/N:
	50288-001 IAW SR20 AMM section 27-50. Performed satisfactory operational check.
	Customer stated comm 1 and 2 seemed to be weak when transmitting to ATC. Ran aircraft
	and checked comm 1 and 2 received and transmitting. Could not duplicate squawk. Both
	comm 1 and 2 ground check good IAW Garmin Cirrus Perspective LMM 190-00920-00.
	Maintenance Release
	The aircraft and/or component(s) as listed above was repaired in accordance with current Federal Aviation
	Regulations. Pertinent details are on file at this repair station.
	Zedensel .
	JOE LEONARD CRS#: BGSR4990
	JOE LEGIANIS CITAIN, DOCITION