

THOMAS AVIATION SERVICES, LLC

RAYTHEON 1900D

Year Manufactured 1996 TTAF 44,977 hrs TCAF 51,585 cls
SN UE-207 Reg PJ-EZA

Times as of October 15, 2021



WEIGHTS:

Maximum Take-off	17,120 lbs	Maximum Zero Fuel	15,165 lbs
Maximum Landing	16,765 lbs	Basic Operating	10,840 lbs

ENGINES:

Engine Type/Model: Pratt & Whitney PT6A-67D
Engine Overhaul: 6,000 hours (Engines are on a bridged program)
HSI Interval: 2,000 hours

Gas Generator Sn	PS-0395	PS-0502
Gas Generator TSO	3,701 hrs	2,967 hrs
Hot Section TSHSI	1,199 hrs	1,433 hrs

Power Section Sn	PS-0166	PS-0395
Power Section TSO	3,701 hrs	2,967 hrs

Cycles Remaining

1 st Stage Rotor	12,080	13,200
2 nd Stage Rotor	10,768	13,200
3 rd Stage Rotor	10,768	13,592
4 th Stage Rotor	8,931	13,200
Impeller	5,818	13,200
Shaft	12,080	13,200
CT Disk	968	5,188
1 st Stage PT	3,080	4,200
2 nd Stage PT	3,080	4,200

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LANDING GEAR:

<u>Component</u>	<u>Sn</u>	<u>TSO</u>	<u>TR</u>	<u>Due</u>
NLG Shock Strut	ARC101512-2	6,594	3,406	October 2022
Drag Brace	ARC102110-5	1,037	8,963	July 2024
LHMLG Shock Strut	11911-06PS	6,586	3,414	October 2022
Drag Brace	ARC101906-1	6,586	3,414	October 2022
RHMLG Shock Strut	PAA121701	6,586	3,414	October 2022
Drag Brace	ARC113011-4	6,586	3,414	October 2022

PROPELLERS:

Propeller Type/Model: Hartzell HC-E4A-3J
 Overhaul: 4,000 hours or 60 months

		<u>TSO (hrs)</u>	<u>TR (hrs)</u>	<u>Due</u>
LH	HJ-2278	2,770	1,229	August 2022
RH	HJ-2442	2,412	1,585	November 2022

MAINTENANCE:

	<u>Remaining</u>	<u>Calendar Due</u>
1st 200	429 hrs	January 2022
2 nd 200	619 hrs	March 2022
3 rd 200	825 hrs	May 2022
4 th 200	1,027 hrs	June 2022
5 th 200	39 hrs	October 2021
6 th 200	229 hrs	December 2021
A-Check	1,467 hrs	October 2022
B-Check	1,467 hrs	October 2022
C-Check	1,467 hrs	October 2022
D1-Check	14,405 hrs	August 2031
I-Check	229 hrs	December 2021
G-Check	2,359 hrs	May 2023
CPCP Due		October 2021

INTERIOR:

18 Passenger Configuration
 Aft Lav

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AVIONICS:

Dual Comm	Collins	VHF-22A
Dual Nav	Collins	VIR-32
Transponder	Garmin	GTX-3000 ADS-B Out
ADF	Collins	ADF-462
DME	Collins	DME-42
Radio Alt	Collins	ALT-55B
Radar	Collins	RTA-842
ADAS	Mid Canada	ADAS-K-010-25
CVR	Loral	S100-0080-00
FDR	L3	S703-1000-00
TCAS II 7.1	Garmin	GTS8000
TAWS/EGPWS	Sandel	ST3400
ELT	Artex	453-5000



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