

# THOMAS AVIATION SERVICES, LLC

## RAYTHEON 1900D

Year Manufactured 1998      TTAF 35,897 hrs      TCAF 42,249 cls  
SN UE-326      Reg C-GORA

Times as of June 13, 2023



### WEIGHTS:

Maximum Take-off	17,120 lbs	Maximum Zero Fuel	15,165 lbs
Maximum Landing	16,765 lbs	Basic Operating	10,764 lbs

### ENGINES:

Engine Type/Model: Pratt & Whitney PT6A-67D  
Engine Overhaul: 6,000 hours  
HSI Interval: 2,000 hours

Gas Generator Sn	PCE-PS0684	PCE-PS0524
Gas Generator TSO	1,456 hrs	2,987 hrs
Hot Section TSHSI	1,456 hrs	1 hr
Power Section Sn	PS0684	PS0524
Power Section TSO	1,456 hrs	2,987 hrs

### Cycles Remaining

1 <sup>st</sup> Stage Rotor	23,233	23,999
2 <sup>nd</sup> Stage Rotor	22,233	9,237
3 <sup>rd</sup> Stage Rotor	22,233	9,237
4 <sup>th</sup> Stage Rotor	22,233	9,237
Impeller	22,233	9,237
Shaft	22,233	9,237
CT Disk	6,233	3,533
1 <sup>st</sup> Stage PT	13,233	10,533
2 <sup>nd</sup> Stage PT	13,233	10,533

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**LANDING GEAR:**

Overhaul: 10,000 cycles or 60 months

<u>Component</u>	<u>Sn</u>	<u>TSO</u>	<u>TR</u>	<u>Due</u>
NLG Shock Strut	ARC 103007-1	261	9,749	Feb 2027
Drag Brace	SW20823	261	9,749	Feb 2027
LH MLG Shock Strut	ARC71210PS	258	9,752	Jan 2027
Drag Brace	EA3124	258	9,752	Jan 2027
RH MLG Shock Strut	EAS3117PS	258	9,752	Jan 2027
Drag Brace	042601011CT	258	9,752	Jan 2027

**PROPELLERS:**

Propeller Type/Model: Hartzell HC-E4A-3J

Overhaul: 4,000 hours or 72 months

		<u>TSO (hrs)</u>	<u>TR (hrs)</u>	<u>Due</u>
LH	HJ-2647	413	3,587	June 2028
RH	HJ-2387	517	3,483	March 2028

**MAINTENANCE:**

	<u>Remaining</u>	<u>Calendar Due</u>
1st 200	786 hrs	Sept 2025
2 <sup>nd</sup> 200	998 hrs	March 2026
3 <sup>rd</sup> 200	1,198 hrs	Oct 2026
4 <sup>th</sup> 200	198 hrs	Jan 2024
5 <sup>th</sup> 200	398 hrs	July 2024
6 <sup>th</sup> 200	598 hrs	Feb 2024
A-Check	1,537 hrs	Sept 2027
B-Check	1,537 hrs	Sept 2027
C-Check	1,537 hrs	Sept 2027
D1-Check	17,883 hrs	
I-Check	3,684 hrs	Jan 2024
G-Check	2,730 hrs	Jan 2031
CPCP Due		TBA

**INTERIOR:**

18 Passenger Configuration  
 Seat Back Trays  
 Aft Lav  
 Lead Acid Batteries

This aircraft is subject to prior sale or withdrawal from the market. The specifications are subject to verification upon inspection.

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### AVIONICS:

Com/Nav/GPS	Garmin	GTN-750Xi
Com/Nav/GPS	Garmin	GTN-650Xi
ADF	Collins	ADF-462
Dual Transponder	Garmin	GTX-3000 ADS-B Out
Dual TVSI	Garmin	GI-275
Encoding Altimeter	Meggitt	28004-01-02
Audio Panel	Garmin	GMA-35
Radio Alt	Collins	ALT-55B
Radar	Garmin	GWX-75
AHRS Computer	Collins	ACH-3000A
ADAS	Altair	ADAS-K-010-25
CVR	L3	S100-0080-00
FDR	L3	S703-1000-00
TCAS II 7.1	Garmin	GTS-8000 with ADSB-In
TAWS	Sandel	ST3400 Class A
ELT	Artex	ELT-110



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