

# THOMAS AVIATION SERVICES, LLC

## RAYTHEON 1900D

Year Manufactured 1996      TTAF 44,812 hrs      TCAF 50,245 cls  
SN UE-209      Reg PJ-EZY

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	10,790 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-0588	PS-0570
Gas Generator TSO	3,997 hrs	4,207 hrs
Hot Section TSHSI	962 hrs	685 hrs

Power Section Sn	PS-0588	PS-0570
Power Section TSO	3,997 hrs	4,207 hrs

### Cycles Remaining

1 <sup>st</sup> Stage Rotor	10,831	13,248
2 <sup>nd</sup> Stage Rotor	10,831	13,248
3 <sup>rd</sup> Stage Rotor	10,831	13,248
4 <sup>th</sup> Stage Rotor	10,831	13,248
Impeller	10,831	13,248
Shaft	10,831	13,248
CT Disk	2,594	7,948
1 <sup>st</sup> Stage PT	1,831	2,599
2 <sup>nd</sup> Stage PT	1,831	2,599

Washington, DC USA  
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**LANDING GEAR:**

<u>Component</u>	<u>Sn</u>	<u>TSO</u>	<u>TR</u>	<u>Due</u>
NLG Shock Strut	AES-6544	461	9,539	February 2026
Drag Brace	EAS-1476	461	9,539	February 2026
LHMLG Shock Strut	PAA040102	5,891	4,109	September 2023
Drag Brace	10912-071	5,858	4,142	September 2023
RHMLG Shock Strut	NAC51107616	5,891	4,109	September 2023
Drag Brace	EST001	5,858	4,142	September 2023

**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-2389	3,435	564	January 2023
RH	HJ-2249	530	3,469	December 2026

**MAINTENANCE:**

	<u>Remaining</u>	<u>Calendar Due</u>
1st 200	593 hrs	May 2022
2 <sup>nd</sup> 200	792 hrs	July 2022
3 <sup>rd</sup> 200	960 hrs	September 2022
4 <sup>th</sup> 200	1,170 hrs	November 2022
5 <sup>th</sup> 200	200 hrs	December 2021
6 <sup>th</sup> 200	412 hrs	March 2022
A-Check	1,565 hrs	October 2022
B-Check	1,565 hrs	October 2022
C-Check	1,565 hrs	October 2022
D1-Check	14,486 hrs	January 2035
I-Check	412 hrs	March 2022
G-Check	2,196 hrs	October 2023
CPCP Due		August 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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