

# THOMAS AVIATION SERVICES, LLC

## RAYTHEON 1900C

Year Manufactured: 1984

TTAF: 54,921 hrs

TCAF: 76,177 cls

Sn: UB-009

Registration: C-FPCV

Owner: Pacific Coastal Airlines

Location: Vancouver, Canada

Times as of July 29, 2022



### WEIGHTS:

Maximum Take-off 16,600 lbs

Maximum Zero Fuel 14,000 lbs

Maximum landing 16,100 lbs

Basic Empty Weight 9,735 lbs

### ENGINES:

Engine Type/Model: Pratt & Whitney PT6A-65B

Engine Overhaul: 10,000 hours

|                       |           |           |
|-----------------------|-----------|-----------|
| Gas Generator:        | PCE-32528 | PCE-32099 |
| Time Since Overhaul   | 6,987 hrs | 4,160 hrs |
| Cycles Since Overhaul | TBA cyc   | TBA cyc   |
| Power Section:        | PS-97187  | PS-97362  |
| Time Since Overhaul   | 6,503 hrs | 7,607 hrs |
| Cycles Since Overhaul | TBA cyc   | TBA cyc   |

### Rotating Components Life Remaining:

|                          |            |            |
|--------------------------|------------|------------|
| 1 <sup>st</sup> Stage    | 20,834 cyc | 23,641 cyc |
| 2 <sup>nd</sup> Stage    | 8,404 cyc  | 5,718 cyc  |
| 3 <sup>rd</sup> Stage    | 20,815 cyc | 7,058 cyc  |
| 4 <sup>th</sup> Stage    | 11,971 cyc | 7,058 cyc  |
| Stub Shaft               | 5,237 cyc  | 6,979 cyc  |
| Impeller                 | 8,404 cyc  | 23,641 cyc |
| CT                       | 3,428 cyc  | 4,694 cyc  |
| PT 1 <sup>st</sup> Stage | 6,994 cyc  | 19,464 cyc |
| PT 2 <sup>nd</sup> Stage | 9,771 cyc  | 14,611 cyc |

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**PROPELLERS:**

Propeller Type/Model: Hartzell HC-B4MP-3A  
 Overhaul: 3,300 hours or 120 months

|    |          | <u>TSO (hrs)</u> | <u>TR</u> | <u>Due Date</u> |
|----|----------|------------------|-----------|-----------------|
| LH | FWA-3045 | 1,468            | 1,832     | May 2029        |
| RH | FWA-2208 | 3,039            | 261       | April 2028      |

**LANDING GEAR:**

Overhaul: 10,000 cycles or 60 months

|               | <u>Sn</u>  | <u>CSO</u> | <u>CR</u> | <u>Due Date</u> |
|---------------|------------|------------|-----------|-----------------|
| LH MLG Assy   | ARC102511  | 137        | 9,863     | July 2027       |
| LH Drag Strut | 54387      | 137        | 9,863     | July 2027       |
| RH MLG        | ARC-022920 | 137        | 9,863     | July 2027       |
| RH Drag Strut | UE316-1    | 137        | 9,863     | July 2027       |
| NLG Assy      | ALS-8424   | 6,295      | 3,705     | April 2023      |
| RH Drag Strut | ARC33110   | 467        | 9,533     | December 2026   |

**MAINTENANCE:**

| <u>Inspection</u>      | <u>Interval</u> | <u>Remain</u> |
|------------------------|-----------------|---------------|
| 1 <sup>st</sup> Detail | 1,200 hr        | 1,166 hr      |
| 2 <sup>nd</sup> Detail | 1,200 hr        | 167 hr        |
| 3 <sup>rd</sup> Detail | 1,200 hr        | 446 hr        |
| 4 <sup>th</sup> Detail | 1,200 hr        | 597 hr        |
| 5 <sup>th</sup> Detail | 1,200 hr        | 787 hr        |
| 6 <sup>th</sup> Detail | 1,200 hr        | 980 hr        |
| Structural A           | 3,000 hr        | 397 hr        |
| Structural B           | 3,000 hr        | 397 hr        |
| Structural C           | 3,000 hr        | 397 hr        |
| Structural D           | 30,000 hr       | 14,590 hr     |
| Structural D1          | 6,000 hr        | 397 hr        |
| Structural G           | 6,000 hr        | 397 hr        |
| Structural I           | 1,200 hr        | 975 hr        |
| 24 Mo Corr             | 24 mo           | Due mo        |

**INTERIOR:**

19 PTC 912 Seats      Seat Back Trays

**OTHER:**

In Service Aircraft      Brake Deice  
 Ground Air Conditioning      ZFW Kit 114-5045-1

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

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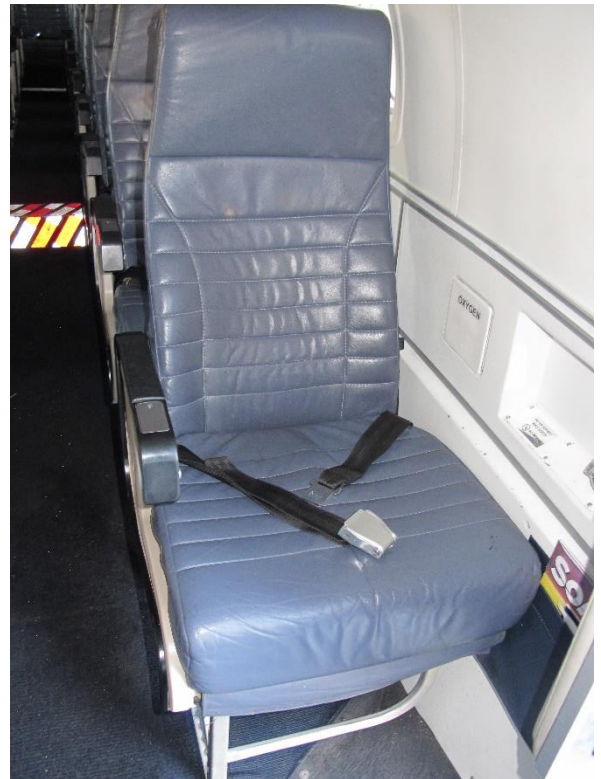
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### AVIONICS:

|                            |                  |             |
|----------------------------|------------------|-------------|
| Dual Com                   | Garmin           | GNS-430     |
| Dual Nav                   | Garmin           | GNS-430     |
| Dual GPS                   | Garmin           | GNS-430     |
| DME                        | King             | KN-63       |
| Dual HSI                   | Honeywell        | KPI-552     |
| RMI                        | King             | KI-229      |
| ADF                        | King             | KR-87       |
| Dual Transponder           | King             | KT-76A      |
| Altimeter                  | Kollsman         | C4550110002 |
| Encoding Altimeter         | Intercontinental | 28702-551   |
| Dual Directional Gyro      | Sperry           | C14-A       |
| Standby Attitude Indicator | Mid-Continent    | 4200-10     |
| Radar Altimeter            | King             | 066-1048-02 |
| Radar Altimeter            | King             | KNI-415     |
| Radar                      | Collins          | WXT-250X    |
| CVR                        | L3               | FA2100      |
| TCAS                       | BF Goodrich      | TCAS 791    |
| TAWS                       | Sandel           | ST3400-000  |
| ELT                        | Artex            | ELT-10      |



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