

# THOMAS AVIATION SERVICES, LLC

## RAYTHEON 1900C

Year Manufactured: 1984

TTAF: 55,826 hrs

TCAF: 77,329 cls

Sn: UB-009

Registration: C-FPCV

Owner: Pacific Coastal Airlines

Location: Vancouver, Canada

Times as of July 21, 2023



### 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   | 7,892 hrs | 5,065 hrs |
| Cycles Since Overhaul | 7,041 cyc | TBA cyc   |
| Power Section:        | PS-97187  | PS-97362  |
| Time Since Overhaul   | 7,408 hrs | 8,512 hrs |
| Cycles Since Overhaul | 7,830 cyc | 8,708 cyc |

#### Rotating Components Life Remaining:

|                          |            |            |
|--------------------------|------------|------------|
| 1 <sup>st</sup> Stage    | 19,682 cyc | 22,489 cyc |
| 2 <sup>nd</sup> Stage    | 7,252 cyc  | 4,566 cyc  |
| 3 <sup>rd</sup> Stage    | 19,663 cyc | 5,906 cyc  |
| 4 <sup>th</sup> Stage    | 10,819 cyc | 5,906 cyc  |
| Stub Shaft               | 4,085 cyc  | 5,827 cyc  |
| Impeller                 | 7,252 cyc  | 22,489 cyc |
| CT                       | 3,837 cyc  | 3,542 cyc  |
| PT 1 <sup>st</sup> Stage | 5,842 cyc  | 18,312 cyc |
| PT 2 <sup>nd</sup> Stage | 8,619 cyc  | 13,459 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 | 2,373            | 927       | May 2029        |
| RH | FWA-2616 | 2,118            | 1,182     | Jan 2029        |

**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   | 1,289      | 8,711     | July 2027       |
| LH Drag Strut | 54387       | 1,289      | 8,711     | July 2027       |
| RH MLG        | ARC-022920  | 1,289      | 8,711     | July 2027       |
| RH Drag Strut | UE316-1     | 1,289      | 8,711     | July 2027       |
| NLG Assy      | ARC-3312015 | 482        | 9,518     | February 2028   |
| RH Drag Strut | ARC33110    | 1,619      | 8,381     | December 2026   |

**MAINTENANCE:**

| <u>Inspection</u>      | <u>Interval</u> | <u>Remain</u> |
|------------------------|-----------------|---------------|
| 1 <sup>st</sup> Detail | 1,200 hr        | 200 hr        |
| 2 <sup>nd</sup> Detail | 1,200 hr        | 452 hr        |
| 3 <sup>rd</sup> Detail | 1,200 hr        | 642 hr        |
| 4 <sup>th</sup> Detail | 1,200 hr        | 824 hr        |
| 5 <sup>th</sup> Detail | 1,200 hr        | 1,018 hr      |
| 6 <sup>th</sup> Detail | 1,200 hr        | 1,200 hr      |
| Structural A           | 3,000 hr        | 2,624 hr      |
| Structural B           | 3,000 hr        | 2,624 hr      |
| Structural C           | 3,000 hr        | 2,624 hr      |
| Structural D1          | 6,000 hr        | 5,624 hr      |
| Structural G           | 6,000 hr        | 5,624 hr      |
| Structural I           | 1,200 hr        | 1,200 hr      |
| 24 Mo Corr             | 24 mo           | 20 mo         |

**INTERIOR:**

19 PTC 912 Seats      Seat Back Trays

**OTHER:**

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

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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              |
| Transponder                | King             | KT-76A             |
| Transponder                | L3               | NGT-9000 with ADSB |
| 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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