

THOMAS AVIATION SERVICES, LLC

RAYTHEON 1900C

Year Manufactured: 1990

TTAF: 47,948 hrs

TCAF: 67,844 cls

Sn: UC-110

Registration: N390PM

Owner: Planemasters, Ltd.

Location: Chicago, Illinois

Times as of January 8, 2024



WEIGHTS:

| | | | |
|------------------|------------|--------------------|-----------|
| Maximum Take-off | 16,600 lbs | Useful Load | 7,442 lbs |
| Maximum landing | 16,100 lbs | Basic Empty Weight | 9,157 lbs |

ENGINES:

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

Engine Overhaul: 6,000 hours

Engine HSI: 2,000 hours

| | | |
|---------------------|------------|-----------|
| Gas Generator: | PCE-PP0084 | PCE-97436 |
| Time Since Overhaul | 2,736 hrs | 5,899 hrs |
| Power Section: | PS-PP0084 | PS-97436 |
| Time Since Overhaul | 2,736 hrs | 5,899 hrs |
| Time Since HSI | 1,730 hrs | 1,730 hrs |

Rotating Components Life Remaining:

| | | |
|--------------------------|------------|------------|
| 1 st Stage | 8,820 cyc | 16,266 cyc |
| 2 nd Stage | 8,820 cyc | 16,266 cyc |
| 3 rd Stage | 8,820 cyc | 16,266 cyc |
| 4 th Stage | 8,820 cyc | 16,266 cyc |
| Stub Shaft | 20,218 cyc | 7,266 cyc |
| Impeller | 8,820 cyc | 16,266 cyc |
| CT | 8,630 cyc | 5,441 cyc |
| PT 1 st Stage | 14,820 cyc | 22,326 cyc |
| PT 2 nd Stage | 14,820 cyc | 22,326 cyc |

Washington DC 20015 USA
Tel: 202-364-2775 Fax: 202-364-4897
www.thomasaviation.net

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PROPELLERS:

Propeller Type/Model: Hartzell HC-B4MP-3A
 Overhaul: 3,000 hours or 120 months

| | | <u>TSO (hrs)</u> | <u>TR</u> | <u>O/H Due</u> |
|----|----------|------------------|-----------|----------------|
| LH | FWA-2342 | 0 | 3,000 | In Overhaul |
| RH | FWA-3419 | 0 | 3,000 | In Overhaul |

LANDING GEAR:

Overhaul: 10,000 cycles or 60 months

| | <u>Sn</u> | <u>CSO</u> | <u>CR</u> | <u>O/H Date</u> |
|--------|-----------|------------|-----------|-----------------|
| LH MLG | 2242014PS | 2,050 | 7,950 | Oct 2024 |
| RH MLG | 48776PS | 2,050 | 7,950 | Oct 2024 |
| NLG | 051606 | 147 | 9,843 | May 2028 |

MAINTENANCE:

| <u>Inspection</u> | <u>Interval</u> | <u>Remain</u> |
|------------------------|-----------------|---------------|
| 1 st Detail | 1,200 hr | 70 hr |
| 2 nd Detail | 1,200 hr | 270 hr |
| 3 rd Detail | 1,200 hr | 470 hr |
| 4 th Detail | 1,200 hr | 670 hr |
| 5 th Detail | 1,200 hr | 870 hr |
| 6 th Detail | 1,200 hr | 1,070 hr |
| Structural A | 3,000 hr | 2,004 hr |
| Structural B | 3,000 hr | 2,004 hr |
| Structural C | 3,000 hr | 2,004 hr |
| Structural D1 | 6,000 hr | 1,773 hr |
| Structural D2 | 30,000 hr | 11,401 hr |
| Structural G | 6,000 hr | 5,004 hr |
| Structural I | 1,200 hr | 918 hr |
| 24 Mo Corr | 24 mo | 7 mo |

INTERIOR:

FreightRunners Cargo Interior STC
 Cargo Volume 652 cu ft
 Cargo Capacity 5,900 lbs
 Cargo Door 52" Wide x 52" High

OTHER:

In Service Aircraft

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:

| | | |
|-------------------|---------|-----------|
| Nav/Com/GPS | Garmin | GTN-750Xi |
| Transponder | Garmin | GTX-335R |
| Transponder | Garmin | GTX-345R |
| Interface | Garmin | GAD-42 |
| Comm | Collins | VHF-22A |
| Nav | Collins | VIR-32 |
| EFIS | Collins | EFD-74 |
| Flight Director | Collins | ADI-84 |
| RMI | Collins | RMI-30 |
| ADF | Collins | ADF-60A |
| DME | Collins | DME-42 |
| GPS | Garmin | GPS-400 |
| Autopilot | STEC | 3100 |
| GPSS | STEC | 03976 |
| Air Data Computer | Sandia | SAC 7-35 |
| Radar Altimeter | Collins | ALT-55B |
| Radar | Collins | WXT-250B |
| ELT | Artex | C406-1 |



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