

THOMAS AVIATION SERVICES

Fairchild Metro III

Year Manufactured 1990 Sn AC754B Registration N21GP
TTAF 27,348 hrs TCAF 16,737 cls

Operator: Castle Air
Location: North Canton, Ohio, USA
Specifications Current as of January 3, 2022



WEIGHTS:

| | | | |
|------------------|------------|-------------------|------------|
| Maximum Take-off | 16,000 lbs | Maximum Zero Fuel | 13,900 lbs |
| Maximum Landing | 16,000 lbs | Useful Load | 6,726 lbs |
| Basic Empty | 9,274 lbs | Maximum Fuel | 4,342 lbs |

ENGINES:

Engine Type/Model: Honeywell TPE331-11U-612G
Engine Overhaul 7,000 hours
HSI Interval 3,500 hours

| | <u>SN</u> | <u>CSN</u> | <u>TSO</u> | <u>TSHSI</u> | <u>TSGBI</u> |
|----|-----------|------------|------------|--------------|--------------|
| LH | P-44714 | 16,737 | 6,262 | 2,785 | 6,262 |
| RH | P-44532C | 29,035 | 891 | 891 | 891 |

| <u>Component TR (cls)</u> | <u>P-44714</u> | <u>P-44532C</u> |
|-------------------------------------|----------------|-----------------|
| Comp Impeller 1 st Stage | 18,421 | 14,965 |
| Comp Impeller 2 nd Stage | O/C | 9,784 |
| Comp Bearing | 2,838 | 3,769 |
| Turbine Disk 1 st Stage | 2,683 | 12,813 |
| Turbine Disk 2 nd Stage | 4,744 | 7,813 |
| Turbine Disk 3 rd Stage | 3,586 | 5,284 |

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PROPELLERS:

Propeller Type/Model: McCauley 4HFR34C652-K
Propeller Overhaul: 5,000 hours 72 months

| | <u>SN</u> | <u>TSO (hrs)</u> | <u>Due</u> |
|----|-----------|------------------|------------|
| LH | 180102 | 1,624 | Nov 2025 |
| RH | 140696 | 2,461 | June 2024 |

INSPECTIONS:

| <u>Check</u> | <u>Interval</u> | <u>TR</u> | <u>Completed</u> |
|--------------|-----------------|-----------|--------------------------------|
| Phase 1 | 100 hrs | 20 hrs | Nov 23, 2021 @ TTAF 27,268 hrs |
| Phase 2 | 200 hrs | 120 hrs | |
| Phase 3 | 300 hrs | 220 hrs | |
| Phase 4 | 400 hrs | 320 hrs | |
| Phase 5 | 500 hrs | 420 hrs | |
| Phase 6 | 600 hrs | 520 hrs | |
| Phase 7 | 700 hrs | 620 hrs | |
| Phase 8 | 800 hrs | 720 hrs | |

INTERIOR:

5-Net Cargo Conversion Worldwide Aircraft Services Inc. STC# SA8919SW
Center Aisle Cargo Roller System Worldwide Aircraft Services Inc. EO 227-15-100 Rev A
Concord Battery STC # SA09111AC
Honeywell Enhanced GPWS STC# EASA A.S.03251



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

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AVIONICS: (To Be Confirmed by Buyer Inspection)

| | | |
|------------------|-------------|------------------------------------|
| VHF Nav/Comm | Collins | VHF-22 |
| VHF Nav/Comm | Collins | VIR-32 |
| Nav/Comm/GPS | Garmin | GTN-625 |
| MFD | FlightMax | EX500 |
| Transponder | Garmin | GTX345R with ADS-B |
| ADF | Collins | ADF-60A |
| DME | Collins | DME-42 |
| Autopilot | Collins | FCS-80 with Flight Guidance System |
| Air Data Display | Thommen | AD30 |
| Radio Altimeter | King | KRA-405 |
| Weather Radar | Bendix/King | RDS-81 |
| GPWS | Honeywell | Mk VI |
| TCAS I | Bendix/King | CAS 67A |
| ELT | Artex | ELT406 |



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