



## 1989 Piper Malibu Mirage N188LG

3600h AFTT | TIO-540-AE2A with 800h SNEW | 3 blade Hartzell propeller with 1120h SNEW | Garmin panel | redone paint/interior



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Specifications subject inspection, withdrawal from market without prior notice.

















### **Airframe | Engine | Propeller Status**

Piper Malibu Mirage with total time of 3600h SNEW in 05/1989.

One Lycoming TIO-540-AE2A dual turbo charger with 350hp and 800h SNEW in 07/2018.

Three blade electrically de-iced Hartzell HC-I3YR-1 propeller with 1120h SNEW in 03/2016.

### **Ownership Status**

The present owner is a German company since 07/2015 and the 3<sup>rd</sup> owner in total. The aircraft was sold NEW from the factory to its first owner in 05/1989 in the USA. In 12/1990 the aircraft was sold to Denmark with a total time of 347h and became Danish registered. The Danish owner then sold this Mirage to a German company in 08/1994 and became “D” registered. Such German company then sold this Mirage onwards to its current owner, also a German company in 07/2015. The current owner is a leading German maintenance facility specialized on PA46 maintenance and avionic upgrades. As part of the purchase, the aircraft became “N” registered and the aircraft had undergone a major refurbishment including new paint, interior and avionics upgrade, all completed in 03/2016. The original airframe logbook from 05/1989 – 12/1990 is missing, however, a conformity inspection and additional 1000h according to manufacture requirements following consultation with the FAA had been performed as part of the “N” registration process and has been signed off on behalf of an FAA DAR. The current owner is also an approved FAA repair station and this Mirage has been maintained according to the highest possible maintenance standards. The aircraft had a NLG collapse in 12/1995 with a total time of 885h. An extensive repair had been conducted back then resulting in a firewall forward replacement. RH wing tip replaced due to hangar rash in 07/1998. Please inquire for any further details concerning these events. The aircraft is owner flown and always hangared. Maintained on behalf of experienced PA46 maintenance facility. This Mirage has got a great special inspection Chapter 5-30 maintenance status such as document preparation in general.

### **Information about Piper Malibu Mirage**

The Piper Malibu is definitely the right investment to upgrade from the lower single engine piston segment into the world of fast and complex single engine piston travelling. With its avionic equipment and optional equipment, this Piper Malibu Mirage is definitely the right investment to upgrade from the lower single engine piston class into the higher single engine piston class, offering a spacy pressurized cabin, enabling private and business trips across all over Europe. The pressurized cabin permits to travel at high altitudes achieving satisfying cruising speeds and being able to achieve great take-off and landing performance with an existing FIKI certification.









## Maintenance Status

03/2016 performed major avionics upgrade, aircraft repaint, interior refurbishment and "N" registration

03/2017 performed 144M/2700h starter replacement

03/2018 performed 500h cabin pressurization test

10/2019 performed 144M/2000h RH magneto replacement

07/2021 performed 500h magnetos inspection

08/2021 performed 60M tail cone corrosion inspection

08/2021 performed 240M fuselage and wing fluid hoses replacement

10/2020 performed 120M oxygen generators replacement

03/2021 performed 120M airborne check valve replacement 1H24-18

03/2021 performed 60M tail corrosion inspection

07/2021 performed 144M/2000h LH magneto replacement

08/2021 performed 500h propeller and crankshaft sludge removal

09/2021 performed 1000h flap tracks, flap roller bolts and aileron hinge bolts inspection

08/2022 performed 96M/1000h engine oil and fuel hoses and NLG hydraulic hoses replacement

08/2022 performed 240M fluid hoses replacement

08/2022 performed 72M/2400h propeller governor overhaul

07/2023 performed 600h vacuum pump replacement

07/2023 performed 400h de-ice control valve inspection

05/2024 performed 24M/500h fuel tank inspection

05/2024 performed 84M/2000h aircraft structure inspection

05/2024 performed 100h/annual inspection

All mandatory SB and AD complied with





### Performance Parameters | W&B Status

Cruises FL200 | 200KTAS | using 22GAL/h (ROP) | Initial climb rate 1000fpm | FL200 in 28 minutes  
MRW 1958kg/4318bs | MTOW 1950kg/4300lbs | EW 1374kg/3028lbs | MUL 584kg/1288lbs | MUF 529l/140GAL | PFF 203kg/447lbs











### Interior

Interior from 03/2016 in black and white dark in excellent condition.

Spacious cabin | 4 PAX seats | Dual USB ports and every seat | LEMO sockets | Club seating configuration | Reading lights | Seat recline | Intercom















## Exterior

Paint from 03/2016 in top white and bottom black with frog green stripes in excellent condition.  
Green stripes, Garmin logo, Porta Air Service logo are all decals and can be easily removed!













A close-up photograph of the side of a white Piper aircraft. The word "Piper" is printed in a bold, dark blue sans-serif font. Above the letter 'i' is a logo consisting of a red triangle pointing up and to the right, and a blue triangle pointing up and to the left, meeting at a point. Below the text is a thick, vibrant green horizontal stripe. To the right of the text is a large, curved cockpit window that reflects the surrounding green trees and blue sky. The aircraft is parked on a grassy field under a clear blue sky.

**Piper**





Piper

N188LG

HANGAR  
3









## Avionics

**Autopilot:** King KFC 150 with GAD43e

**2 x PFD/MFD:** Garmin G500 with Synthetic Vision on LH side

**2 x COM/NAV/GPS:** Garmin GTN750Xi and GTN 650Xi

**Bluetooth:** Garmin FlightStream 510 for Bluetooth FPL transfer to GTN750Xi

**Satellite Weather:** Garmin GSR 56

**Datalink:** Garmin GDL 60 Datlink for PlaneSync

**Engine Instruments:** Garmin EIS TXi

**Traffic:** Garmin GTS 825

**Stormscope:** BF Goodrich WX 500

**Radar Altimeter:** All provisions for Garmin GRA 5500

**DME:** King KN 63

**Audio:** Garmin GMA 35

**ELT:** Artex ELT ME406 with 406mHz

**Transponder:** Garmin GTX 300ES (ADSB-Out) Mode S

**Standby Instruments:** SAM MD302

## Additional Features

Long range tanks (140GAL) | Beringer Wheels and Brakes | LED Taxi, Landing and NAV Light

Garmin Engine Instruments | Air Condition



[illegible]



CAUTION  
PRESSURIZED LANDING NOT APPROVED

N188LG

V<sub>L</sub> 133 KIAS AT 4300 LBS  
(SEE A.F.M.)

V<sub>R</sub> 155 DN 126 UP  
V<sub>R</sub> 195 MAX

THIS MARKING AND PLACARD  
INSTALLED IN THIS AIRPLANE  
CONTAINS OPERATING  
LIMITATIONS WHICH MUST BE  
COMPLIED WITH WHEN  
OPERATING THIS AIRPLANE  
IN THE NORMAL CATEGORY  
OTHER OPERATING  
LIMITATIONS WHICH MUST BE  
COMPLIED WITH WHEN  
OPERATING THIS AIRPLANE  
IN THE CATEGORY AND  
CONFORMANCE WITH THE  
FLIGHT MANUAL TO AERONAUTIC  
MANUALS HOLDING SPIN  
APPROVED  
THIS AIRCRAFT APPROVED FOR  
FLIGHT IN THE DAY AND NIGHT  
VFR FLIGHT WITH EQUIPPED  
FLIGHT INSTRUMENTS WITH THE  
AIRPLANE FLIGHT MANUAL.

MAXIMUM CABIN PRESSURE DIFFERENTIAL 5.5 PSI

TURN OFF STROBE  
GROUNDING OR BURN

ALTERNATE  
BULK SOURCE  
(LOCATED BELOW MAIN) -  
IF ALTERNATE  
SOURCE REMAINS  
PERSISTENT



PRESS  
TO TEST

