

Diamond DA42-MPP

G-DOSC & B - ALTO AEROSPACE LTD



AIRCRAFT OVERVIEW

Manufacturer:	Diamond Aircraft Industries
Type:	DA42-MPP
Reg & Serial No:	G-DOSB, 42.328
Total A/F Hours:	3644 Hrs
Engines:	2 x TAE 125-02-99
Eng Time Since New:	608 Hrs 608 Hrs
Eng Time Since Hot Section:	N/A by type
Propellers:	MTV-6-A-C-F/CF187-129
Prop Overhaul Time/Date:	786 Hrs Dec 24' 635 Hrs Aug 25'

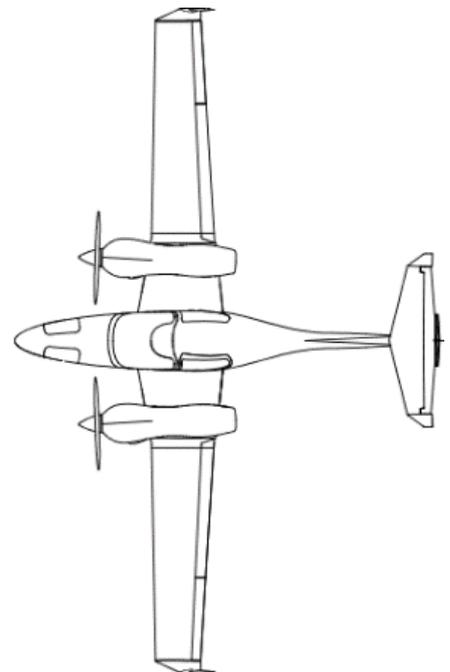
Additional Equipment

Special Mission Services:

- Flir 380HD Turret
- LOS Downlink
- Mission Console
- SATCOM (BLOS)
- EO/IR

Plus:

- Low IR Signature
- Slow-Flight Stability
- Go Faster Stripes





The Diamond DA42 series is an efficient, flexible and modern aircraft. Predominantly seen in the private owner and flight training sectors; the DA42 delivers unprecedented efficiency. The MPP version was created as a military variant allowing us to deliver custom solutions for clients using specialised hardware, equipment and personnel that include:

- Intelligence, surveillance and reconnaissance (ISR)
- Aerial survey
- Flight calibration and flight path validation.

The MPP has a turret mounted high-definition camera and can be operated single pilot with a task specialist. Live data feeds can be given with data Uplink and Downlink, where live aerial footage can be broadcast anywhere in the world. The camera serves both day and night operations using IR technology. The aircraft's 7 hour airborne task endurance combined with its low heat signature makes the MPP perfect for reconnaissance and target tracking, with endless usability on a low-cost platform.

Doesn't quite fit the bill? Don't worry – our Part 21 facility can design and approve the kit needed for your mission.

CABIN DIMENSIONS

Cabin Length (m)	2.50
Cabin Width (m)	1.10
Cabin Height (m)	1.00
Rear Luggage Space (m ³)	Limited



DA42 RANGE MAP

*THEORETICAL RANGE ~900NM FROM BOURNEMOUTH AIRPORT (BOH; EGGH)



AVIONICS



Diamond Aircraft selected the Garmin G1000 integrated avionics system for the DA42 Twin Star.

The Twin Star's all-glass panel features the G1000 system configured with two 10-inch displays; a primary flight display (PFD) and a multi-function display (MFD) in landscape orientation.

Dual integrated radio modules that provide:

- WAAS GPS
- VHF Nav W/ ILS
- VHF Comm W/ 16-Watt Trsnvr
- 8.33 kHz Channel Spacing
- Mode S Transponder
- ADS-B Traffic
- Solid-State AHRS
- Digital Air Data Computer

WEIGHTS & CONFIGURATION

MTOW	1999 Kg	Pax Capacity	3 Pax
Empty Weight	1410 Kg	Cabin Config	2 + 2
Useful Load	589 Kg	Aft Cabin Config	Baggage Shelf
Max Ramp Weight	+8 Kg	Cockpit	1 x Crew
Fuel Capacity	231 Kg	Cabinetry	N/A



CONTACT US

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