



The Gold Standard in Special Mission Aircraft

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# Diamond DA62-MPP Payload Retraction System

By Air Bear



## Special Mission Solutions

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## DA62-MPP Payload Retraction System

### Advantage: Air Bear

Developed by customer request and now available from the Air Bear/Rapid Imaging solutions team, the Diamond DA62-MPP can be configured with an internally mounted gimbal retraction system. As an extension of our initial C206 offering, we have scaled the capabilities up to field 15" sensors (notably the TC-375, MX-15 and 380HD among others). Mounted in a hermetically sealed enclosure and fitted over the available camera hatch, Air Bear now provides the MPP platform with essential new capabilities.



DA62-MPP with representative hatch payload installed

Fully scalable to many different payloads up to 17" and 150 lbs., the system can be adapted to many different aircraft platforms and missions. Configuring your MPP with the internal retraction system will free up the multi-purpose nose to carry additional payloads, or you can eliminate it completely for weight and cost savings. An additional advantage is the ability to dispatch into known icing conditions with the gimbal retracted and the FIKI option installed on the MPP.

### New Capabilities

- Stealthy ramp presence
  - High performance takeoff & climb
  - High speed cruise (192 kts)
  - Ability to dispatch into FIKI conditions
  - Reduced potential FOD damage and sensor maintenance
  - Orbit in either direction
  - Removal and replacement in minutes
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- Lightweight (40 to 60 lbs./18 to 27 kg.)
  - 28VDC, max current draw 15A
  - Dual drive redundancy
  - Manual fail-safe mode
  - Controlled by Pilot and/or TFO
  - Optional altitude-based auto-retraction
  - Optional automatic Iris door



Contact Air Bear to discuss your mission requirements today!



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