Designed and manufactured in Australia for the rugged outback, the GippsAero GA8 Airvan was created with simplicity and economics in mind. The Airvan is easy to load, fly and maintain. Innovative design details set the Airvan apart from its competitors, and make the operation of the aircraft safer and less complicated.

Available with either a normally aspirated or turbocharged Lycoming engine, the Airvan has unbeatable economic performance. With a cost per seat mile of only $0.15 (or $0.17 with the turbocharged engine)* the Airvan leads the industry in value - beating the operating costs of comparable six-seaters. And with it’s full-fuel payload of over 1,300 lbs (590 kg), the Airvan blows the carrying capacity of its six-seat competitors out of the water.

**41.5” Sliding Door**

The Airvan’s easy-to-operate sliding door allows clear access to the cabin with the flaps up or down. The floor height is perfect for hassle-free loading and unloading from a pickup truck or SUV. Certified for in-flight operation, the sliding door allows the GA8 Airvan to be utilized in a number of operational roles such as skydiving, aerial photography, supply dropping and many military and law enforcement tasks.

**Quick-Change Configurations**

Quick release seat, cargo net and workstation mounting points allow for rapid changes of cabin configuration to meet the requirements of each mission you fly. Need to transport freight one-way, then return with passengers on the way back? The six passenger seats stow neatly in the aft baggage compartment, and can be secured back as seats in under 15 minutes.

**Easy Flight Characteristics**

The Airvan was designed to be simple to fly. Built with an intuitive control layout, the access to your instruments, avionics, circuit breakers and switches are logically placed. In flight, the Airvan exhibits excellent stability, controllability and performance. Combined with the simplicity of operating systems, the pilot is free to focus on more important aspects of flight.

**Panoramic Windows**

The twelve windows in the Airvan provide the pilot and passengers alike with outstanding visibility. Each passenger seat has an accompanying window, shaped with a curve outward to provide an excellent range of sight. For the passengers, this means increased comfort and entertainment. For the cockpit, panoramic large windows further enhance the pilot’s visibility when maneuvering.

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*Calculated with a fuel price of $5.75 USD per US gallon.
Safety Standards
The GAB Airvan is certified to Amendment 55 of the FAR 23 regulations. No other aircraft in its class measures up to the stringent safety, design and airworthiness requirements to which the Airvan is certified. The crashworthiness ratings on the airframe, seats, fuel systems, and firewall are unparalleled.

Low-Cost Maintenance
The Airvan is manufactured to keep maintenance costs at a minimum. Traditional high maintenance and high-wearing parts, such as oleo-struts and flap tracks, have been eliminated and replaced with simpler and smarter solutions. Avionics systems are built into modular installations with easy-access, to make field service a simple affair. All sheet metal, both internal and external, is thoroughly primed and corrosion-proofed.

Rugged Build & Capabilities
Developed to handle the gruelling conditions of the Australian landscape, the Airvan is ideal for operators in remote areas. The Airvan’s high lift wing, rugged all spring-steel undercarriage, high flotation tires and excellent propeller ground clearance equip the Airvan to operate from short, semi-prepared strips with ease.

Engine Cooling
Keeping your engine cool is a priority in the rugged Australian outback. With that in mind, the Airvan was designed with optimized cooling air inlet and outlet apertures, coupled with a dual oil cooler installation. This means that the temperatures and pressures remain within limits even on the hottest of days. The location and shape of the cooling air apertures ensures maximum airflow even at low speeds and high angles of attack.

The definition of versatility.
The GAB Airvan is a highly versatile platform for countless operations. Given its low-fuel burn, impressive payload capacity, large cabin-volume and quick-change configuration capabilities, it’s easy to see why so many operators choose the Airvan.

The Airvan brings a freedom to the table that competitors can’t reach. The freedom to be flexible. And with an option list of over 60 customizable items, GippsAero has the ability to support your varied missions, whatever they may be.

Skydiving: Comfortably fit up to eight parachutists. In-flight door operation.
Passenger Transport: Seven forward facing passenger seats.
Freight: Floor height ideal for loading cargo. Optional cargo pod available.
Special Missions: Economical, long-loiter special missions platform.
Recreational: Fit the whole family and all of your adventure gear.
Humanitarian Aid: STOL capabilities for rugged, short bush strips.
**SPECIFICATIONS**

**ENGINE**
- Normally Aspirated: Lycoming IO-540-K1A5, 300 hp
- Turbocharged: Lycoming TIO-540-AH1A, 320 hp

**PROPELLER**
- Normally Aspirated: Hartzell 2-Blade*
- Turbocharged: Hartzell 3-Blade

**DIMENSIONS**
<table>
<thead>
<tr>
<th></th>
<th>Normally Aspirated</th>
<th>Turbocharged</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>29 ft 4.3 in (8,949 mm)</td>
<td></td>
</tr>
<tr>
<td>Wingspan</td>
<td>40 ft 8.6 in (12,412 mm)</td>
<td></td>
</tr>
<tr>
<td>Height</td>
<td>12 ft 9 in (3,885 mm)</td>
<td></td>
</tr>
<tr>
<td>Wing Area</td>
<td>208 ft² (18.75 m²)</td>
<td></td>
</tr>
<tr>
<td>Wing Loading</td>
<td>19.2 lb/ft² (96.75 kg/m²)</td>
<td></td>
</tr>
<tr>
<td>Cabin Height</td>
<td>44.9 in (1,140 mm)</td>
<td></td>
</tr>
<tr>
<td>Cabin Width</td>
<td>50 in (1,270 mm)</td>
<td></td>
</tr>
<tr>
<td>Main Cargo Area Floor Area</td>
<td>54 ft³ (5 m³)</td>
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</tr>
<tr>
<td>Main Cargo Area Internal Volume</td>
<td>164 ft³ (4.43 m³)</td>
<td></td>
</tr>
<tr>
<td>Cabin Door</td>
<td>41.5 in (1,054 mm)</td>
<td></td>
</tr>
</tbody>
</table>

**BAGGAGE CAPACITY**
- Cabin Shelf: 18 ft³ (0.53 m³)
- Aft Locker: 13 ft³ (0.35 m³)
- Cargo Pod: 18 ft³ (0.53 m³)
- Seats: 8 [2 crew, 6 passenger]

**DESIGN WEIGHTS AND CAPACITIES**
<table>
<thead>
<tr>
<th></th>
<th>Normally Aspirated</th>
<th>Turbocharged</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Takeoff Weight</td>
<td>4,000 lb (1,905 kg)</td>
<td>4,200 lbs (1,905 kg)</td>
</tr>
<tr>
<td>Typical Empty Weight</td>
<td>2,275 lb (1,031 kg)</td>
<td>2,374 lbs (1,076 kg)</td>
</tr>
<tr>
<td>Maximum Useful Load</td>
<td>1,725 lb (783 kg)</td>
<td>1,826 lbs (828 kg)</td>
</tr>
<tr>
<td>Optional Cargo Pod Capacity</td>
<td>440 lb (200 kg)</td>
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</tr>
<tr>
<td>Fuel Capacity</td>
<td>87.7 US Gal (332 ltr)</td>
<td></td>
</tr>
</tbody>
</table>

**PERFORMANCE**

**TAKEOFF**
- Normally Aspirated: 1,378 ft (420 m), 800 ft (244 m)
- Turbocharged: 2,066 ft (630 m), 1,600 ft (488 m)
- Climb Rate: 731 fpm (3.7 m/s), 904 fpm (4.6 m/s)

**CRUISING**
- Typical Cruise Speed: 130 ktas (240 kph), 135 ktas (250 kph)
- Fuel Burn at Typical Cruise: 15 gph (57 litres/hr), 18 gph (68 litres/hr)
- Range at Typical Cruise: 546 nm (1,011 km), 567 nm (1,050 km)
- Maximum Endurance: 8.5 hrs @ 40% power, 8.2 hrs @ 40% power
- Certified Ceiling: 14,500 ft (4,420 m), 20,000 ft (6,096 m)

**LANDING**
- Ground Roll: 492 ft (150 m), 483 ft (147 m)
- Over 50 ft Obstacle: 1,213 ft (370 m), 1,821 ft (494 m)

**V-SPEEDS**
- Vr: 61 kias
- Vx: 69 kias
- Vy: 81 kias
- Va: 121 kias
- Vso: 57 kias
- Vs1: 64 kias

* Additional options available

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