

TFO WORK STATIONS:

19 inch wide – Dimensionally compatible for use with EIA 310-D, IEC 60297 and DIN 41494 SC68D format. Suitable for std rack mounted equipment, monitors, etc. up to 18 inches in height and 8 inches deep.

Gippsland will configure work station workface to accommodate customer equipment requirements – monitors, communications equipment, patch panels, switching/selector panels, keyboards – fold down or slide out. As simple or complex as required.

Available LH or RH, will dock into stations Row 2 or 3 – customer can specify preferred configuration of up to 2 TFO consoles and a hardware equipment rack if required.

Desk height of 24 inches with ample leg room.

FAR 23 certified – complies with head impact/crashworthiness regulations.

EQUIPMENT RACK:

Suitable for mounting heavy electronic items such as communications, mapping, recording and/or tracking hardware.

Quick docking system allows complete rack installation and removal as required.

Rack can be installed in any available passenger seat location.



cargo pod fairing, which is also capable of accepting TX/RX aerial arrays for a variety of tasks. The large Airvan cabin can easily accept two specialist TFO work stations, as well as a hardware equipment rack, and still have room for up to two pilots if needed, two TFOs and an additional observer/trainee when required. As a three-man crew surveillance aircraft with close to 600 pounds of dedicated mission equipment on board and full fuel, the Airvan can loiter for almost eight hours on target and still carry reserves.

Due to the fact that the imaging devices, when retracted, and arials are completely contained within the profile of the lookalike cargo pod style RF transparent fairing, the covert capability is greatly enhanced for many types of specialist operations, as the aircraft is practically indistinguishable from a standard personal aircraft and attracts no undue attention.

Gippsland Aeronautics' demonstrated ability and desire to work with its customers to provide the best possible outcomes means that several task

specialists have used the company to provide solutions for their special or specific requirements. Not all manufacturers are as willing as Gippsland Aeronautics to provide the resources in engineering support and practical expertise that the special tasks customer needs to solve integration issues.

THE LATEST & GREATEST

The latest version of the Airvan to roll from the factory is the turbo-charged variant equipped with the reliable Lycoming TIO540, rated at 300 hp at 14,000-foot and fitted with the latest optimized Hartzell three-blade scimitar propeller. This version provides outstanding climb performance to higher altitudes where the latest imaging equipment is still capable of providing meaningful data and imagery. The resultant operating noise level is less than the background noise level in metro, urban and suburban areas.

While the naturally aspirated version with its two blade prop provides the most economical late certification surveillance

platform available up to about 12,500 feet, the turbo charged Airvan takes over from there and provides excellent efficiency and economy, as well as exceptional loiter time on station with an even quieter noise signature due to the optimized Hartzell three-blade propeller.

Some other considerations that flight unit managers have raised as significant in their choice of a fixed-wing platform have been duty of care and the ability to rapidly convert the aircraft from one role to another. The modular design of the Gippsland Aeronautics equipment and the unique quick release docking system enables short turnaround between different mission types, and the certification basis of FAR 23 at amendment 54/55 complies with the current high standards required for dynamic seat testing, crashworthiness, critical system redundancy and flight handling, providing the greatest crew and passenger protection available.

The Airvan Astra is designed to serve and protect those who protect and serve.