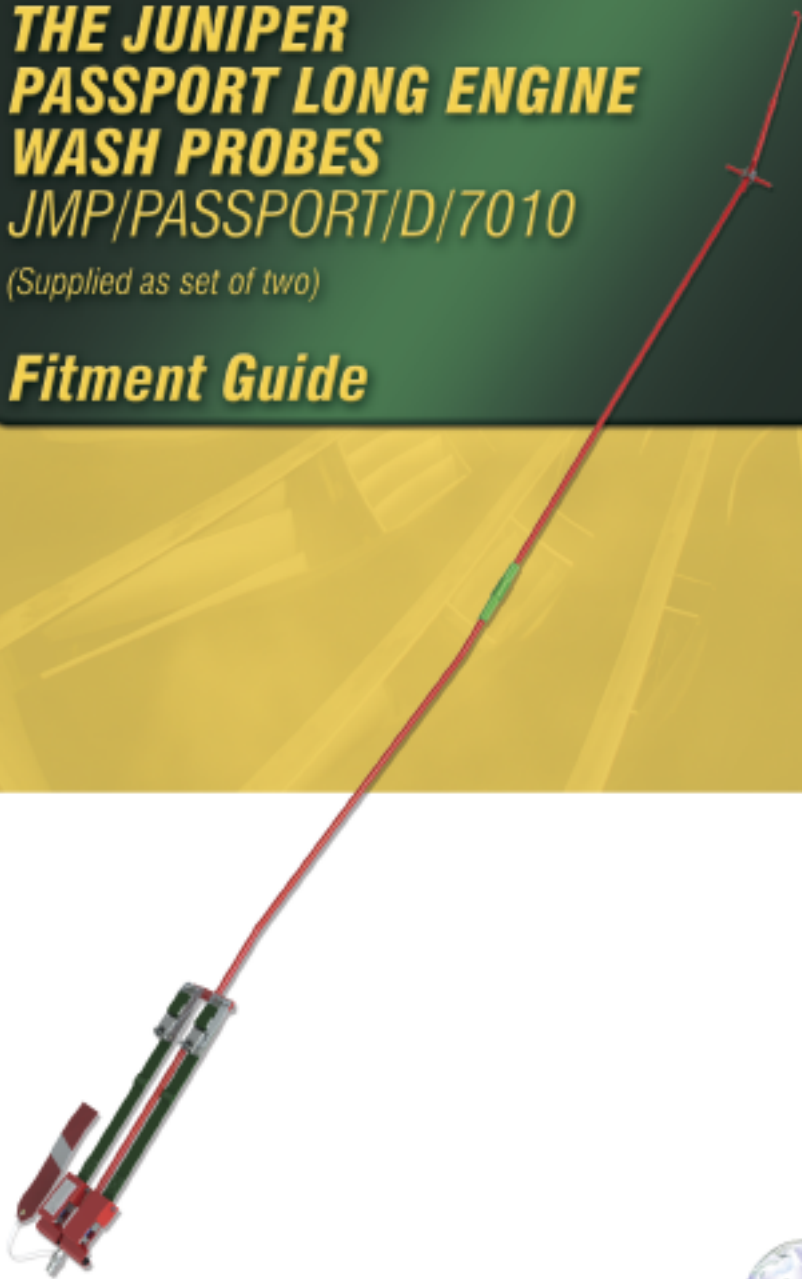


# **THE JUNIPER PASSPORT LONG ENGINE WASH PROBES**

## **JMP/PASSPORT/D/7010**

*(Supplied as set of two)*

### **Fitment Guide**



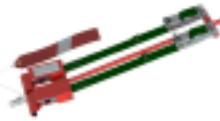
**AIRCRAFT SERVICE EQUIPMENT**



## The Passport long engine wash probes **JMP/PASSPORT/D/7010**



The engine wash probe has a 'spider' which has arms that prevent the probe from being pushed too far and damaging the engine.



Overall length: **405cm / 160"** (approx.)

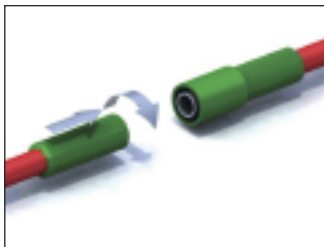
### Delivery hose selection



When using Passport engine wash probes, turn the three way selector to position 'A' this ensures selection of the 3/4" bore delivery hose.

**Please refer to the relevant AMM for correct flow rate information.**

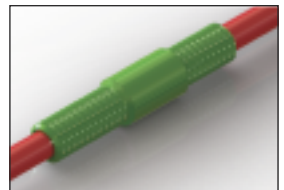
### STEP 1: Assembling the probes



Connect probe halves by screwing together, ensuring a tight fit.



The screw connections require occasional greasing with an anti-seize compound such as Copaslip™ or equivalent grease. Take care not to get any compound in the bore of the connector.

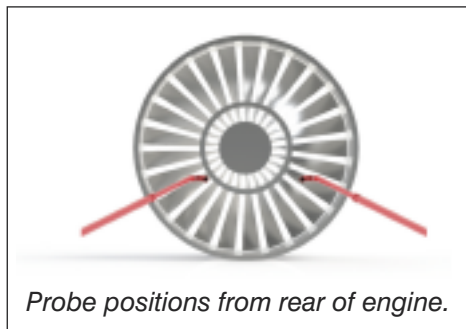


Probes are supplied in sets of two and are identified by a red connection (port side) and green connection (starboard side).

## STEP 2: Probe fitment

**Caution: Ensure that the engine fan is held securely during the fitting of the engine ‘j’ hook probes.**

Each probe to be inserted and fitted on the engine at approximately the **4 & 8 o’clock** positions so that the probe ‘j’ hook fits over the booster / fan splitter.



*Probe positions from rear of engine.*

Guide the probes through the fan outlet guide vanes (ogv’s) from the aft end, at approximately the **4 & 8 o’clock** positions, aft looking forward.

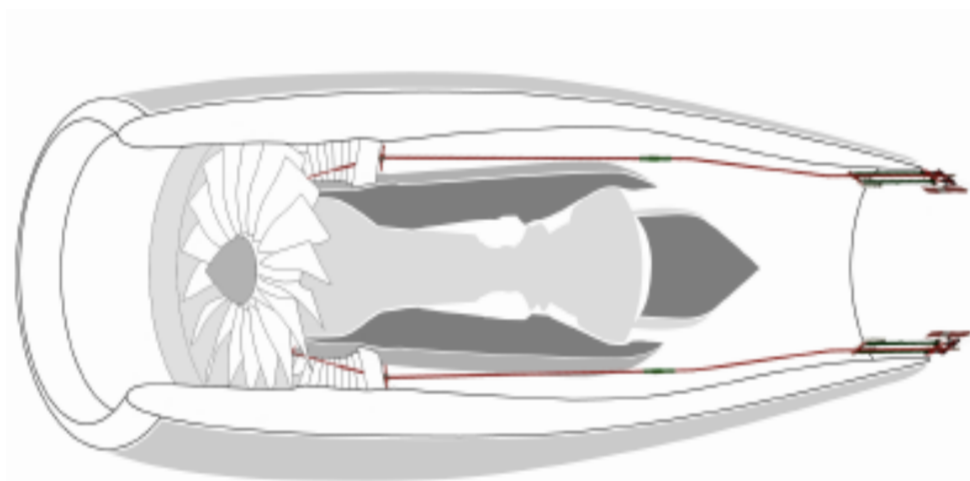
Carefully from the aft end locate each tip so that they point between the booster inlet guide vanes into the booster and attach clamps. (See STEP 3 for clamping instructions).

Connect the twin hose assembly (provided with all compressor wash rigs) to both of the engine probes, making sure that the probes are attached securely to the engine with the hoses attached.

Connect delivery hose from the wash rig to the twin hose assembly.

Please refer to the relevant AMM for flow rate information.

**Probe installation is now complete.**



**Note:** Cutaway illustration above shows the probe positions in plan view.

### STEP 3: Securing the Spring Clamps

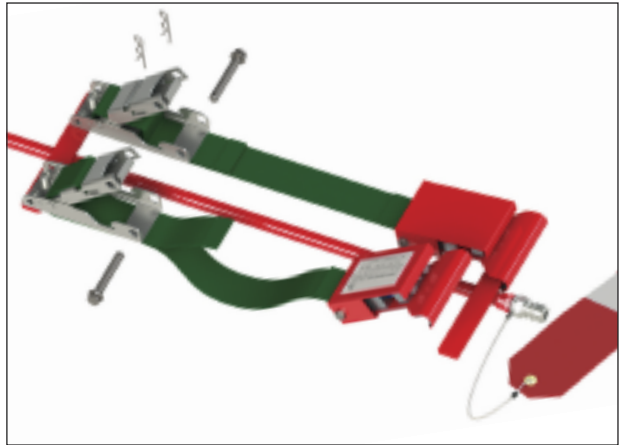
Each probe has two spring loaded clamps which are tensioned by over centre buckle clamping devices.

To release each clamp, remove the safety clip and pin and open each clamp by pushing forward on the releasing mechanism. This will allow the spring loaded clamp to be removed for relocation on the engine.

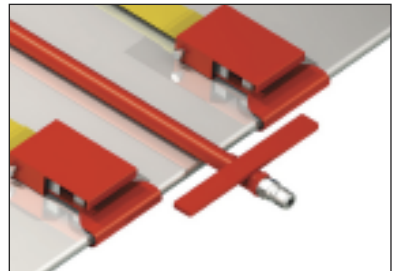
Once relocated, pull gently on the strap and re-apply over the centre buckle.

Re-fit safety pin and clip, once the probe is inserted and located in the engine.

**Note:** Images used in this guide are for illustrative purposes only and may not accurately represent the equipment in question.



Spring clamps prevent over-tightening when fitting each probe.



Probe attached to the aft lip of the engine's translating sleeve.

### Contact details



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Registered with ISO 9001:2015

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