



## CFM56 Thermocouple Wiring Harnesses

### CFM56 Thermocouple Wiring PMA Harnesses

Aviation Component Services (ACS)\* offers an FAA Part Manufacturer Approval (PMA) for the CFM56-7B-5A/B/C-3B/C-2A Engine Thermocouple Wiring Harnesses. The ACS harness is manufactured to the highest standards and tested above the required temperature rating to ensure greater durability when exposed to harsh environmental factors including varying temperatures, vibration, corrosion and hot gas path.

The ACS design, material, circuitry and manufacture of the Thermocouple harness are identical to the OEM with the exception of the hot-end material. A higher nickel alloy Inconel 625 material is used to provide identical mechanical properties as the OEM Nimonic 263 material. This higher alloy nickel material provides superior corrosion resistance at higher temperatures increasing service life.

#### ACS Harness Benefits

- Rapid turnaround time
- Higher nickel alloy provides superior corrosion resistance than OEM material
- Tested up to 950 Deg C
- Substantial savings over purchasing OEM harness

#### Engines



CFM56-7B



CFM56-5C



CFM56-5B



CFM56-5A



CFM56-3B



CFM56-3C

#### Applications



Boeing 737



Airbus A319



Airbus A320



Airbus A321



FAA PMA TC296-03ACS



FAA PMA TC315-01ACS



FAA PMA TC272-01ACS



\* A subsidiary of Herber Aircraft Service, Inc.



## CFM56 Thermocouple Wiring Harnesses

### Thermocouple Wiring Harness PMA Capabilities

ACS PMA Part Number	OEM Part Number	Description	Application
TC296-03ACS	TC296-02	CFM56-7B EGT Harness	CFM56-7B
TC296-03ACS	TC296-03	CFM56-7B EGT Harness	CFM56-7B
TC296-03ACS	TC296-04	CFM56-7B EGT Harness	CFM56-7B
TC272-01ACS	TC272-00	Wiring Harness, T495-2TC	CFM56-5C
TC272-01ACS	TC272-01	Wiring Harness, T495-2TC	CFM56-5C
TC272-01ACS	TC272-02	Wiring Harness, T495-2TC	CFM56-5C
TC273-01ACS	TC273-00	Wiring Harness, T495-1TC	CFM56-5C
TC273-01ACS	TC273-01	Wiring Harness, T495-1TC	CFM56-5C
TC273-01ACS	TC273-02	Wiring Harness, T495-1TC	CFM56-5C
TC315-01ACS	TC315-00	Harness - Wiring EGT 2TC	CFM56-5A/-5B
TC315-01ACS	TC315-01	Harness - Wiring EGT 2TC	CFM56-5A/-5B
TC315-01ACS	TC315-02	Harness - Wiring EGT 2TC	CFM56-5A/-5B
TC316-01ACS	TC316-00	Harness - Wiring EGT 3TC	CFM56-5A/-5B
TC316-01ACS	TC316-01	Harness - Wiring EGT 3TC	CFM56-5A/-5B
TC316-01ACS	TC316-02	Harness - Wiring EGT 3TC	CFM56-5A/-5B
TC174-00ACS	TC174-00	Lead Assembly, Electrical - L.H.	CFM56-2A/3B/3C
TC174-01ACS	TC174-01	Lead Assembly, Electrical - L.H.	CFM56-2A/3B/3C
TC174-02ACS	TC174-02	Lead Assembly, Electrical - L.H.	CFM56-2A/3B/3C
TC200-00ACS	TC200-00	Lead Assembly, Electrical - R.H.	CFM56-2A/3B/3C
TC200-01ACS	TC200-01	Lead Assembly, Electrical - R.H.	CFM56-2A/3B/3C
TC200-02ACS	TC200-02	Lead Assembly, Electrical - R.H.	CFM56-2A/3B/3C

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