



## 35<sup>th</sup> Anniversary of TPE331-10 Engine Certification

One of the most popular General Aviation turboprop models was introduced in 1978.

Derived from the very popular TPE331-3, -5, -6, and -8 models, the -10 was offered as inlet up or down with a prop speed of 1591 RPM. The new -10 featured the same frame size as previous TPE331 models, but the incorporation of new hot section architecture provided an increase in thermodynamic power to 1000 SHP with improved fuel specifics. The new gearbox rating was 940 SHP.

The -10 was rapidly adopted by many aircraft manufacturers:

- CASA 212-200, -300
- Fairchild Merlin IIIB, IIIC, 300
- Jetstream 31
- Mitsubishi MU-2 Marquise and Solitaire
- Twin Commander 980 and 1000

Additionally, there have been more than 1300 TPE331-3,-5,-6,-8 engines converted to the -10 configuration. These updated conversion engines include the -10UA, -10AV, -10T and -10N. The -10 engines have also found broad favor with many different agricultural and utility aircraft, like the DHC3 single-engine Otter, Comp Air9 and the Sherpa 650.



Newer applications of the -10 include the Dornier 228-200NG, the Epic Escape (TPE331-10A, 2000 RPM) and the Predator B/MQ9 (TPE331-10GD) UAV.

*For more information, contact:*

**Executive Aircraft Maintenance**

Scottsdale, AZ

Anchorage, AK

Glendale, AZ

[www.eamaz.com](http://www.eamaz.com)

Toll-Free: 866.991.0905

Tel: 480.991.0900

Fax: 480.991.3067