

# Mitsubishi MU-2 TPE331-10 Conversion



A new dimension in durability, performance, reliability and economy for Mitsubishi MU-2 operators

**Honeywell**



## Using updated engine technology, the TPE 331-10 conversion increases climb and cruise performance, reliability and lowers your cost of ownership.

Retrofit your Mitsubishi MU-2 with factory certified TPE331-10AV engines backed by Honeywell.

### Conversion Plans

Engine Was	Becomes	Aircraft Models
TPE331-5	TPE331-10T	MU-2 N, P
TPE331-6	TPE331-10AV	MU-2 J, K, L, M

### Program Benefits

- Uses higher, fuel-efficient flight levels even on short segments
- Fly above the weather
- Climb power to 15,000 ft vs. 6,000 ft
- Stay above piston powered aircraft traffic

Engine Specification Comparison				
*	TPE331-5	TPE331-10T	TPE331-6	TPE331-10AV
Thermodynamic Shaft HP:	840 Min	1,000 Min	840 Min.	1,000 Min.
Flat Rate Torque To:	6,000 ft	15,000 ft	6,000 ft	15,000 ft
Cruise Speed:	280	305+	285	315
(ISA, 10,500 lb, 96%, 20,000 ft)				



## Engine Conversion Options

### Option 1: Overhaul and modification

This option best suits those operators nearing overhaul expiration on the -5 or -6 engine. However, it may be accomplished at any point in the engine's life with resultant overhaul service bulletin modification standards and warranty benefits.

Overhaul and Major Inspection Interval Options:

	OPTION A	OPTION B
Hot section	1800 hrs	2500 hrs
Hot section & Gearbox	3600 hrs	—
Overhaul	5400 hrs	5000 hrs



### Option 2: Engine continued time modification

This option makes Dash 10 engine performance available without waiting for the -5 or -6 engine to reach its scheduled overhaul interval.

Overhaul and Major Inspection Interval Options:

	OPTION A	OPTION B
Hot section	1800 hrs	2500 hrs
Hot section & Gearbox	3600 hrs	—
Overhaul	5400 hrs	5000 hrs

Note: The operator must declare the desired overhaul option at the time of engine modification to allow for the appropriate log book entries to be accomplished.

## Warranties

### Overhaul\*

Twenty-four months from date of shipment or 12 months from date of initial operation whichever occurs first for defects in material and workmanship. Additionally, the turbine section will be covered for 24 months from date of initial operation.

### Repair/continued time\*

Twelve months from date of initial operation on power section and gearbox for defects in material and workmanship. Thirty days from date of initial operation on line replacement items. Additionally, the turbine section will be covered for 24 months from date of initial operation.

\*Refer to Honeywell Engines Warranties for details as applicable.

## Engine

- High Technology Cooled Turbine Components
- ITT Replaced by EGT
- Factory Certified Engines and Maintenance Documents
- Competitive Maintenance Intervals
- Improved Thermodynamics

## Economics

- Increased Aircraft Value
- Reduced Hot Section Costs
- 2 Year Warranty on Turbine Components
- Factory Warranty

## Maintenance

- Flexible Major Maintenance Intervals
- Two TBO Options
- Factory Developed and Supported Aircraft STC
- Reduced Fuel Nozzle Maintenance Costs

## Service and Support

- Global Engine and Aircraft Service
- Designated Aircraft Modification Facilities

## Designated Modification Facilities

The following facilities have been designated by Honeywell and Mitsubishi Aircraft to perform aircraft modifications. All engine modifications will be performed at Landmark Aviation under a Honeywell licensing agreement.

For details and scheduling contact:

Intercontinental Jet Inc.

3322 N.74th E. Ave.,

Hanger 27

Tulsa, Oklahoma 74115

Contact: Kenny Morgan, Bob Kidd

or Mark James

Phone: 918-834-8888

Fax: 918-834-1751

## Find out more

### Honeywell Aerospace

1944 East Sky Harbor Circle

Phoenix, AZ 85034

US Toll Free: 800-601-3099

International: 602-365-3099

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

N61-0442-000-000

June 2006

© 2006 Honeywell International Inc.

The Honeywell logo is displayed in a bold, red, sans-serif font.