

REPUBLIC OF INDONESIA  
MINISTRY OF TRANSPORTATION  
DIRECTORATE GENERAL OF CIVIL AVIATION

# Certificate of Approval

Number : 145/32900

This certificate is issued to : **NATIONAL FLIGHT SERVICES, INC.**

Whose business addresses is : 10971 E. AIRPORT SERVICE ROAD  
SWANTON, OHIO 43558 U.S.A

Location of facilities : 10971 E. AIRPORT SERVICE ROAD  
SWANTON, OHIO 43558 U.S.A

Upon finding that the organization complies in all respect with the requirements of the Civil Aviation Safety Regulations relating to the establishment of and approved organization, and is empowered to operate as an :

**APPROVED MAINTENANCE ORGANIZATION**

With the following ratings : - **Limited Powerplant**  
- **Limited Specialized Services.**

As specified in Operations Specifications No. **145/32900/02**

This approval is not transferable and shall continue in effect for a period of two years from the date of issue unless cancelled, suspended or revoked by the Director General, and any major change in the basic facilities, or in the location thereof, shall be immediately reported to the Director General.

Date of issued

**MARCH 01, 2011**



On behalf of the Director General of Civil Aviation

**Ir. YURLIS HASIBUAN**

Director of Airworthiness And Aircraft Operation



D.D. NO-145-3

# MINISTRY OF TRANSPORTATION DIRECTORATE GENERAL OF CIVIL AVIATION

Jalan Medan Merdeka Barat No. 8  
Jakarta 10110  
PO BOX No : 1389  
Jakarta 10013

Phone: + 62 21 3505136  
+ 62 21 3505137

Fax: + 62 21 3505135  
+ 62 21 3505139  
+ 62 21 3507144

## OPERATION SPECIFICATIONS

145/32900/02

(Cont'd)

**- Electrical**

<u>Manufacturer</u>	<u>Make / Model</u>	<u>Limitations</u>
Marathon and Saft Nickel Cadmium Batteries.	Marathon SP1700,- 900, - 900A, -400,-444,-280, -CA-101, -51; Saft 4076, 40576, 4071, 2371, 2376, lnd 20126.	Limited to service, maintenance, test, repair, and component replacement, not to include individual cell re-building, i.a.w current battery manufacturer's instructions

### 3. SPECIALIZED SERVICES

<u>Rating</u>	<u>Manufacturer</u>	<u>Limitations</u>
Nondestructive Testing, and Processing..	Liquid penetrant Examination	In accordance with current manufacturer's instructions, FAA .Airworthiness Directives, American Society for testing and material (ASTM) Specification E-1417, as amended, or other data approved by the administrator.
Nondestructive Inspection, Testing, and Processing	Magnetic Particle Inspection	In accordance with current manufacturer's instructions, FAA .Airworthiness Directives, American Society for testing and material (ASTM) Specification E-1444-94A, as amended, or other data approved by the administrator.

Jakarta, March 01, 2011

On behalf of the DIRECTOR GENERAL OF CIVIL AVIATION



**Ir. YURLIS HASIBUAN**

Director of Airworthiness And Aircraft Operation

CC : Director General of Civil Aviation



Form DAAG-145-3

# MINISTRY OF TRANSPORTATION DIRECTORATE GENERAL OF CIVIL AVIATION

Jalan Medan Merdeka Barat No. 8  
Jakarta 10110  
PO BOX No : 1389  
Jakarta 10013

Phone: + 62 21 3505136  
+ 62 21 3505137

Fax: + 62 21 3505135  
+ 62 21 3505139  
+ 62 21 3507144

## OPERATION SPECIFICATIONS

145/32900/02

(Cont'd)

### II. SCOPE OF APPROVAL

Limited Ratings :

#### 1. LIMITED POWERPLANT

<u>Manufacturer</u>	<u>Make / Model</u>	<u>Limitations</u>
Honeywell International Inc	TPE331-25,-29,-43, -45,-47,-51,- 55,-57, -61,-9,and -14 Series	Limited to inspection, repair, and component replacement ( Not include overhaul ) in accordance with current Garrett maintenance instruction.
Honeywell International Inc	TPE331-1,-2,-3,-5, -6,-8,-10,-11,-12 and TSE331 Series	Limited to overhaul, repair, inspection, maintenance, component replacement and testing i.a.w the manufacture's current inspection/repair manual, overhaul, manual and maintenance manual. Modifications i.a.w current Garrett Service bulletin accomplishment instructions or other data approved by Administrator.
Honeywell International Inc	TPE331-1,-2,-3,-5, -6,-8,-10,-11,-12,-14 and TSE331 Series Components	Engine components not to include airframe related accessories, (limited to overhaul, repair, inspection, maintenance, part replacement and testing) i.a.w the manufacture's current component overhaul manuals, component maintenance manuals, inspection/repair manual, engine maintenance and overhaul manuals. Modifications i.a.w current Garrett Service bulletin accomplishment instructions or other data approved by Administrator.
Honeywell International Inc	TPE331 Series engine's ITT harness repair, P/N 897529-4	In accordance with current FAA approved, process specification of the following: 72-T50-3921, Reb B, dated 01/12/93.

#### 2. ACCESSORIES

##### - Mechanical.

<u>Manufacturer</u>	<u>Make / Model</u>	<u>Limitations</u>
Sunstrand Power Driven Rotary Pump	P/N 025323-101-01, 025323-101-02, 025323-101-03, 025323-150, 025323-300-01, 025323-300-02, 025323-300-03	Limited to inspection, repair, overhaul, component replacement, testing, modification, in accordance with current Sunstrand maintenance instructions