United States of America

Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

## *Number* SA5154NM

*This certificate, issued to* **Mr. Andrew Donohue**
**505 W. 6th Avenue**
**Bristow, OK 74010**

*certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part* **23** *of the* **Federal Aviation Regulations.**

*Original Product—Type Certificate Number:* A47EU

*Make:* Polskie Zaklady Lotnicze (PZL) Spolka - formerly Wytwornia Sprzetu Komunikacyjnegc (PZL Mielec)

*Model:* PZL M18

*Description of the Type Design Change:* Installation of a Lycoming T53-L7 turbine engine equipped with a Hamilton Standard 53C51 propeller. Engine, propeller and related modifications installed per Delton E. Macy photographs (1) through (28), dated 5/10/91, or later Federal Aviation Administration (FAA) approved revision.

*Limitations and Conditions:* Data pertaining to this modification are considered inadequate for other aircraft. This approval is limited to the installation in the PZL Spolka, PZL M18, Serial No. 1Z008-06, R/N N27327, only. A copy of this certificate and FAA-approved Airplane Flight Manual dated May 8, 1991, or later FAA-approved revision, must be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* September 26, 1988

*Date reissued:* September 10, 2012

*Date of issuance:* May 8, 1991

*Date amended:*

*By direction of the Administrator*

*(Signature)*

Acting Manager, Seattle Aircraft Certification Office
*(Title)*

*Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.*

*This certificate may be transferred in accordance with FAR 21.47.*

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# Supplemental Type Certificate
## (Continuation Sheet)

*Number* **SA5154NM**

**Mr. Andrew Donohue**

*Issued:* May 8, 1991
*Reissued:* September 10, 2012
*Amended:*

SUPPLEMENTAL TYPE CERTIFICATE (STC) ADDENDUM NO. SA5154NM

The conditions and limitations of Type Certificate Data Sheet No A47EU apply except where superseded by the following:

This Supplemental Type Certificate Addendum, which is part of STC SA5154NM, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Federal Aviation Regulations. A copy of this STC Addendum is required to be maintained as part of the permanent records for the modified aircraft.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Mr. Andrew Donohue

Model PZL M18, (RESTRICTED CATEGORY) AS MODIFIED BY STC SA5154NM.

Engine: Lycoming T53-L7 Turbine Engine,

Rating: Takeoff (5 min.) at sea level, 1100 hp
Maximum continuous at sea level, 1000 hp

Fuel: MIL-J-5624, Grades JP-4 or JP-5 or equivalent.

Oil: Synthetic type conforming to MIL-L-7808.

Propeller: Hamilton Standard Model 53C51, 3 blade, variable pitch, constant speed, reversible.

Diameter: 120 inches, 117 inches minimum

Oil: MIL-H-5606

- END -

*Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.*

*This certificate may be transferred in accordance with FAR 21.47.*