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## **CHANGE RECORD**

**SECTION 1: PZL M28 00**

**1.I General**

Data Sheet No.: A.0.58

Issue: 01 Date: October 24, 2005

1. a) Type PZL M28  
b) Model PZL M28 00
2. Airworthiness Category Commuter
3. The CAO PL Certification Application Date: Jan. 28, 1991
4. The CAO PL Certification Date: May 15, 1995
5. This EASA Type Certificate replaces the Polish CAO Type Certificate No. BB-199/1

**1.II Certification Basis**

1. Airworthiness Requirements: FAR Part 23, including Amendment 23 - 34
2. Requirements elected to comply: None
3. EASA Special Conditions: None
4. EASA Exemptions: None
5. EASA Equivalent Safety Findings: None
6. EASA Environmental Standards: FAR Part. 34 Subp. B, FAR Part. 36 App. G.

**1.III Technical Characteristics and Operational Limitations**

**Type Design Definition:** specification sheet No. 28.15.0000.000.000

**Description:** The PZL M28 Model 00 is a twin-engined high-wing cantilever turboprop STOL airplane of all-metal structure, with twin vertical tails and a tricycle non-retractable landing gear featuring a steerable nose wheel

**Airplane Versions:**

- passenger (18 pax) transport
- cargo transport
- passenger/cargo transport
- paradrop

**Engine:** PT6A-65B turboprop with a free turbine, reduction ratio of 0.0568:1

**Number of Engines:** 2 (two)

**Engine Manufacturer:** Pratt & Whitney Canada

**Fuel:** kerosene JET A-1, JET-A, JET A-2, JP-8, F-34, F-35, RT, AIR-3405, DERD 2494, DERD 2453 - in accordance to Pratt & Whitney Bulletin No. 13044.

**Oil:** Aero Shell Turbine Oil 500, Rayco Turbine Oil 500, Mobil Jet Oil II, Stanffer Jet II, Castrol 5000, Exxon Turbo Oil 2380, Turbonycoil 525-2A, Mobil Jet Oil 254 - in accordance with Pratt & Whitney Bulletin No. 13001.

<b>Engine Performance:</b>	Shaft Horse Power	Torque	Prop Speed	Turbine Speed	Exhaust Gas Temp.
	SHP	PSIG	rpm	%	°C
Takeoff	1100*	43.34	1700	104	820
Max. Continuous	1100**	43.34	1700	104	810
Max. Cruise	1000***	43.34	1700	104	800

\* attainable up to 50.5 °C

\*\* attainable up to 45.5 °C

\*\*\* attainable up to 42.5 °C

**Propeller:** HC-B5MP-3D/M10876ANSK five-blade, all-metal, constant-speed, with WOODWARD speed governor (3032082A) . Propeller diameter: max. 2.819 m, min. 2.812 m

**Propeller Manufacturer:** Hartzell Propeller Inc. USA

**Number of propeller:** 2 (two)

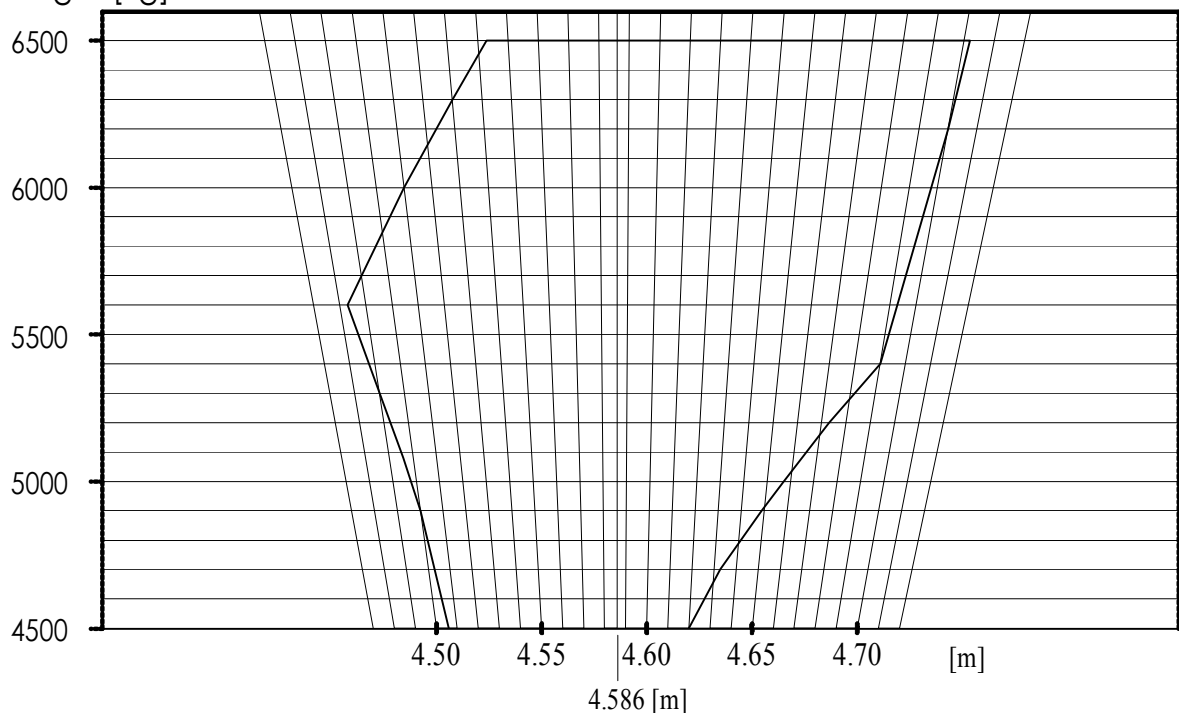
<b>Airspeed Limitations:</b>	Indicated Airspeed IAS (km/h)	Calibrated Airspeed CAS (km/h)
Max. Allowable Operating Speed $V_{MO}$	355	345
Design Maneuvering Speed, $V_A$	230	225
Max. Allowable Flap-Extended Speed, $V_{FE}$	$\delta_{kl} = 15^\circ$	215
	$\delta_{kl} = 40^\circ$	200
Max. Spoiler-Extended Speed, $V_{NS}$	- outboard spoilers	215
	- inboard spoilers	215
Minimum Control Speed, $V_{MC}$	135	130

**Load Factor Limits at Max. Allowable Weight**

Flaps Up	$n=+3.0$	-1.0
Flaps Down	$n=+2.0$	0

**Center-of-Gravity Envelope:**

Weight [kg]



**Weights:**

Max. Takeoff	6500 kg
Max. Landing	6175 kg
Passenger Seating Capacity:	18 (eighteen)
Max. Baggage Compartment Load:	150 kg
Max. Payload:	1750 kg
Min. Crew:	2 (two) pilots
Fuel Tank Capacity:	1960 liters
Unusable Fuel:	16.0 l
Oil Tank Capacity:	
max. oil in tanks	2 x 9.45 l
min. oil in tanks	2 x 3.77 l

**Approved Kinds of Operation:**

- VFR flights, day and night
- IFR flights, day and night

**Max. Operating Altitude:**

- without oxygen supply system 3000 m
- with oxygen supply system installed 4000 m
- cargo transport version with crew oxygen supply system provided 7620 m

**Landing gear:**

Fixed, tricycle type, with a steerable nose wheel

- Nose Wheel Controlling Angle  $\pm 15^\circ$
- Nose Wheel Controlling Angle with Steering OFF  $\pm 50^\circ$

**Control Surface Movements:**

Ailerons:	Up	$22^{\circ} \pm 1^{\circ}$
	Down	$16^{\circ} 20' \pm 1^{\circ}$
Aileron Trim Tab:	Up	$14^{\circ} \pm 1^{\circ}$
	Down	$14^{\circ} \pm 1^{\circ}$
Elevator:	Up	$27^{\circ} \pm 1^{\circ}$
	Down	$19^{\circ} \pm 1^{\circ}$
Elevator Trim Tab: (Elevator Neutral)	Up	$15^{\circ} \pm 1^{\circ}$
	Down	$25^{\circ} \pm 1^{\circ}$
Rudder LH:	Inboard	$16^{\circ} \pm 1^{\circ}$
	Outboard	$22^{\circ} \pm 1^{\circ}$
Rudder RH:	Inboard	$16^{\circ} \pm 1^{\circ}$
	Outboard	$22^{\circ} \pm 1^{\circ}$
Rudder Trim Tab: (Rudder Neutral)	Left	$15^{\circ} \pm 1^{\circ}$
	Right	$15^{\circ} \pm 1^{\circ}$
Wing Flaps:	Takeoff	$15^{\circ} \pm 1^{\circ}$
	Landing	$40^{\circ} \pm 1^{\circ}$
Spoilers:	Inboard	$45^{\circ} \pm 1^{\circ}$
	Outboard	$60^{\circ} \pm 1^{\circ}$

**Operating Ambient Temperature Range:**  $-50^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$

**Standard Equipment:** As defined in Section 7 of the Airplane Flight Manual ref No. M28/LTO-3/27/95

**Optional & Operational Equipment** As defined in Section 9 of the Airplane Flight Manual Ref. No. M28/LTO-3/27/95

#### **1.IV Operating and Service Instructions**

- 1) Each airplane is provided with the following approved documents:
  - a) Airplane Flight Manual, PZL M28 with PT6A-65B Engines ref No. M28/LTO-3/27/95,
  - b) PZL M28 Maintenance Manual Ref No. M28/4/95/LTO-33
2. Airplane Service Life, Component TBOs as defined in Sec. 4 of M28 Maintenance Manual (M28/4/95/LTO-33)

#### **1.V Notes**

1. Flight in known or forecast icing conditions is prohibited
2. This Type Certificate applies to aircraft S/N: AJEP1-01 and to AJE001-02 and up
3. When the ice protection system is installed, flight with this system operative is allowed but with consideration for note 1. (above).

**SECTION 2: PZL M28 02**

**2.I General**

Data Sheet No.: A.058

Issue: 01 Date: October 24, 2005

1. a) Type PZL M28  
b) Model PZL M28 02
2. Airworthiness Category Commuter
3. The CAO PL Certification Application Date: May. 22, 1995
4. The CAO PL Certification Date: Feb 23, 1996
5. The EASA Type Certificate replaces the Polish CAO Type Certificate No. BB-199/1

**2.II Certification Basis**

1. Airworthiness Requirements: FAR Part 23, including Amendment 23 - 34
2. Requirements elected to comply: None
3. EASA Special Conditions: None
4. EASA Exemptions: None
5. EASA Equivalent Safety Findings: None
6. EASA Environmental Standards: FAR Part. 34 Subp. B, FAR Part. 36 App. G.

**2.III Technical Characteristics and Operational Limitations**

**Type Design Definition:** specification sheet No. 28.15.0000.000.000

**Description:** The PZL M28 Model 02 is a twin-engined high-wing cantilever turboprop STOL airplane of all-metal structure, with twin vertical tails and a tricycle non-retractable landing gear featuring a steerable nose wheel

**Airplane Versions:**

- passenger transport (18 passengers + 1 attendant seat)
- passenger „Executive” (designation M28 02-E), 8 or 10 passenger seats (depending on seat model) + 2 attendants' seats
- cargo transport
- mixed passenger/cargo transport
- paradrop
- liquid-cargo transportation
- long-range ferry

For above listed versions the reinforced PZL M28 02-W variant with 7500 kg MTOW is approved.

**Engine:** PT6A-65B turboprop with a free turbine, reduction ratio of 0.0568:1

**Number of Engines:** 2 (two)

**Engine Manufacturer:** Pratt & Whitney Canada

**Fuel:** Aviation kerosene, type JET-A, JET A-1, JET A-2, and their equivalents as per P&WC Bulletin No. 13044: JP-4, JP-5, JP-8, F34, F35, F40, F43, F44, AIR 3404, AIR 3405, AIR 3407 RT acc. to GOST 16564-71

**Oil:** Aero Shell Turbine Oil 500, Rayco Turbine Oil 500, Mobil Jet Oil II, Stanffer Jet II, Castrol 5000, Exxon Turbo Oil 2380, Turbonycoil 525-2A, Mobil Jet Oil 254 - in accordance with Pratt & Whitney Bulletin No. 13001.

<b>Engine Performance:</b>	Shaft Horse Power SHP	Torque PSIG	Prop Speed rpm	Turbine Speed %	Exhaust Gas Temp. °C
Takeoff	1100*	43.34	1700	104	820
Max. Continuous	1100**	43.34	1700	104	810
Max. Cruise	1000***	43.34	1700	104	800

\* attainable up to 50.5 °C

\*\* attainable up to 45.5 °C

\*\*\* attainable up to 42.5 °C

**Propeller:** HC-B5MP-3D/M10876ANSK with  
WOODWARD speed governor (3032082A)  
Five-blade, all-metal, constant-speed type  
Propeller diameter: max. 2.819 m,  
min. 2.812 m.

**Number of propellers:** 2 (two)

**Propeller Manufacturer:** Hartzell Propeller Inc. (USA)

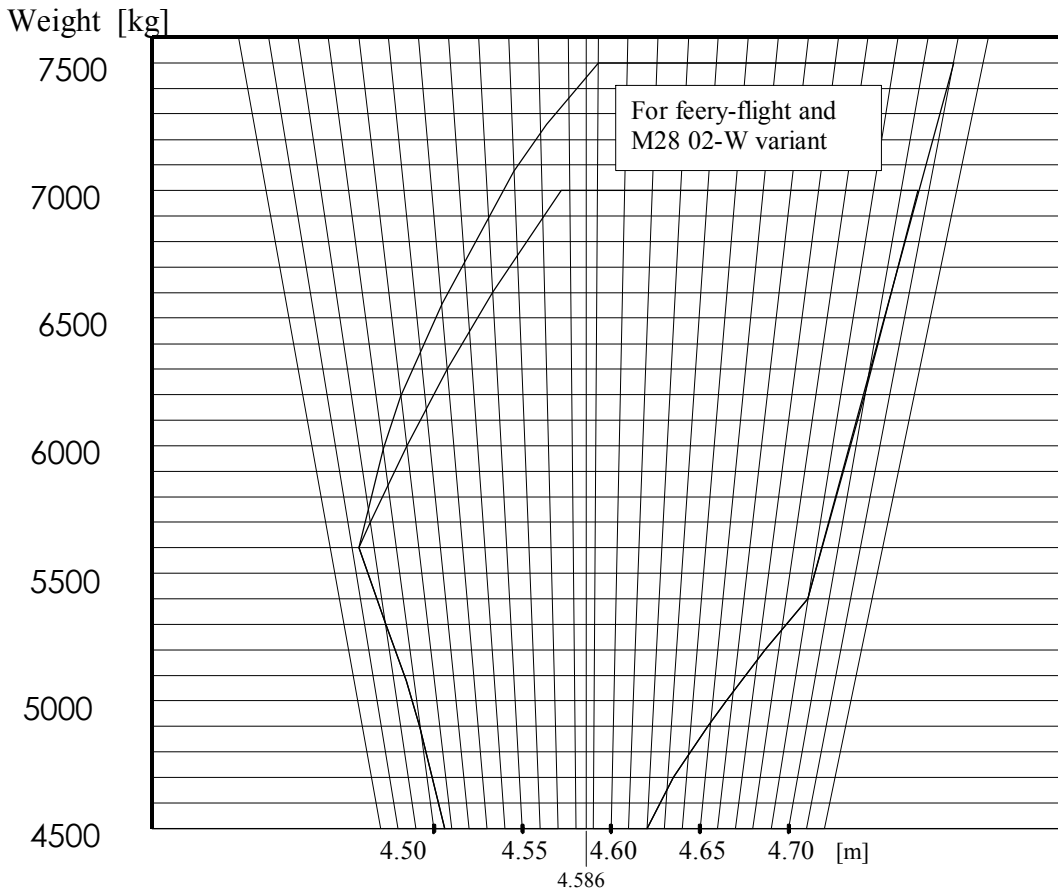
<b>Airspeed Limitations:</b>	Indicated Airspeed IAS [km/h]	Calibrated Airspeed CAS [km/h]
Max. Operating (Limit) Speed, $V_{mo}$	355	345
Design Maneuvering Speed, $V_A$ for PZL M28 02-W variant:	230 244	225 238
Max. Flaps-Extended Speed, $V_{FE}$ Flaps 15° Flaps 40°	215 200	210 190
Max. Spoiler-Deployed Speed, $V_{NS}$	215	210
Minimum Control Speed, $V_{MC}$	153	146

**Load Factor Limits at Max. Allowable Weight:**

7000 kg

Flaps Up	n=+3.0	-1.0
Flaps Down	n=+2.0	0
for long-range ferry (7500 kg MTOW) – not applicable for M28 02-W reinforced variant		
Flaps Up	n=+2.8	-1.0
Flaps Down	n=+2.0	0

Center-of-Gravity Envelope:



**Weights:**

Max. Takeoff	7000 kg
Max. Landing	6650 kg
Max. Takeoff for Ferry Flight	7500 kg
Max. Takeoff and Landing for M28 02-W variant	7500 kg
Max. Baggage in Under fuselage Pod:	300 kg
Max. Payload:	2000 kg
Max. Baggage on Racks:	150 kg <sup>1)</sup>
Max. Hoist Capacity:	700 kg <sup>1)</sup>

<sup>1)</sup> not applicable for „Executive” version

**Passenger Seating Capacity** 18 + 1 attendant seat  
**Passenger Seating Capacity in "Executive" version** 8 or 10 passenger seats (depending on seat model)  
+ 2 attendants' seats  
**Min. Crew:** 2 (two) pilots

**Fuel Tank Capacity:**  
- Wing with no auxiliary tanks 1960 l  
- Wing with auxiliary tanks 2440 l  
- Extra long-ferry fuel tank inside fuselage 2090 l  
**Unusable Fuel:** 32.0 l. / 36.0 l.

**Oil Tank Capacity:**  
Maximum 2 x 9.45 l.  
Minimum 2 x 3.77 l.

**Approved Kinds of Operation:** - VFR flights, day and night,  
- IFR flights, day and night,

**Max. Service Ceiling:**  
- without oxygen-supply system 3000 m  
- with oxygen-supply system 4000 m  
- cargo transport configuration with oxygen system for the crew 7620 m

**Landing gear:** Fixed, tricycle type, with a steerable nose wheel  
Nose Wheel Controlling Angle  $\pm 15^\circ$   
Nose Wheel Controlling Angle with Steering OFF  $\pm 50^\circ$

for M28 02-W variant

- Main Gear: rocker-type with a single-chamber shock absorber,  
- Nose Gear: rocker-type, with a double-chamber shock absorber,  
Nose Wheel Controlling Angle  $\pm 15^\circ$   
Nose Wheel Controlling Angle with Steering OFF  $\pm 45^\circ$

**Control Surface Movements:**

Ailerons:	Up	$22^{\circ} \pm 1^{\circ}$
	Down	$16^{\circ} 20' \pm 1^{\circ}$
Aileron Trim Tab:	Up	$14^{\circ} \pm 1^{\circ}$
	Down	$14^{\circ} \pm 1^{\circ}$
Elevator:	Up	$27^{\circ} \pm 1^{\circ}$
	Down	$19^{\circ} \pm 1^{\circ}$
Elevator Trim Tab: (Elevator Neutral)	Up	$15^{\circ} \pm 1^{\circ}$
	Down	$25^{\circ} \pm 1^{\circ}$
Rudder LH:	Inboard	$16^{\circ} \pm 1^{\circ}$
	Outboard	$22^{\circ} \pm 1^{\circ}$
Rudder RH:	Inboard	$16^{\circ} \pm 1^{\circ}$
	Outboard	$22^{\circ} \pm 1^{\circ}$
Rudder Trim Tab: (Rudder Neutral)	Left	$15^{\circ} \pm 1^{\circ}$
	Right	$15^{\circ} \pm 1^{\circ}$
Wing Flaps:	Takeoff	$15^{\circ} \pm 1^{\circ}$
	Landing	$40^{\circ} \pm 1^{\circ}$
Spoilers:	Inboard	$45^{\circ} \pm 1^{\circ}$
	Outboard	$60^{\circ} \pm 1^{\circ}$

**Operating Ambient Temperature Range:**  $-50^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$

**Standard Equipment:** As defined in Section 7 of the Airplane Flight Manual ref No. M28/LTO-3/27/95

**Optional & Operational Equipment**  
Equipment for „Executive” version As defined in Section 9 of the Airplane Flight Manual Ref. No. M28/LTO-3/27/95  
Ref. Supplement 9.70 to the Airplane Flight Manual Ref. No. M28/LTO-3/27/95

## **2.IV Operating and Service Instructions**

1. Each airplane ( model PZL M28 00 and PZL M28 02) is provided with the following approved documents:
  - a) Airplane Flight Manual, PZL M28 with PT6A-65B Engines (M28/LTO-3/27/95)
  - b) PZL M28 Maintenance Manual (M28/4/95/LTO-33)
2. Airplane Service Life, Component TBOs as defined in Sec. 4 of M28 Maintenance Manual (M28/4/95/LTO-33)
3. For M28 02-W variant following manuals apply:
  - Airplane Flight Manual (M28/LTO-3/27/95 with Revision 20)
  - PZL M28 Maintenance Manual (M28/4/95/LTO-33 with Revision 40)

## **2.V Notes**

1. Flight in known or forecast icing conditions is prohibited
2. PZL M28 02-W variant: is approved for operation on condition of execution of provisions included in Bulletin No. E/12.048/2001 only.
3. This Type Certificate applies to aircraft S/N: AJE001-01 and up
4. When the ice protection system is installed, flight with this system operative is allowed but with consideration for note 1. (above).

**SECTION 3: PZL M28 05**

**3.I. General**

Data Sheet No.: A.058

Issue: 01 Date: October 24, 2005

PZL M28 05-SG version :

Issue: 02 Date: April 21, 2006

1. a) Type PZL M28  
b) Model PZL M28 05
2. Airworthiness Category Commuter
3. The CAO PL Certification Application Date:  
Mar 12, 1996 (acc. to BB-199/1)  
Nov. 26, 1997 (acc. to BB-216)
4. The CAO PL Certification Date:  
Nov. 17, 1999 (acc. to BB-199/1)  
Apr. 18, 2002 (acc. to BB-216)
5. The EASA Type Certificate replaces the Polish CAO Type Certificates  
No. BB-199/1 and BB-216

**3.II Certification Basis**

1. Airworthiness Requirements:  
for airplanes S/N FAR Pt. 23, Amendment 34, FAR Pt. 23,  
AJE001-19 up to Amendment 42: Flight Data Recorder (23.1459),  
AJE002-10 (Polish CAO Voice Recorder (23.1457)  
TC No. BB-199/1): FAR Pt. 23, Amendment 49: Installations, systems  
and airplane reliability analysis (23.1309)  
FAR Pt. 23, Amendment 50: Stall warning (23.207)  
FAR Pt. 34, Subpart B, FAR Pt. 36, Appendix G.  
  
for airplanes S/N FAR 23, Amendment 1- 42,  
AJE00301 and up : FAR 23, Amendment 49 : 23.1309,  
(polish CAO TC No. FAR 23, Amendment 50 : 23.203, 23.205,  
BB-216) 23.207 and 21.1545
2. Requirements elected to comply: None
3. EASA Special Conditions: None
4. EASA Exemptions: None
5. EASA Equivalent Safety Findings:  
- Equivalent Safety Level FAR 23.1361(a) - Master Switch Arrangement
6. EASA Environmental Standards:  
FAR 34, : Subpart B: Engine Fuel Venting Emissions,  
FAR 36, : Appendix G, Annex 16 ICAO, Part II, Chapter 10: Aircraft  
Noise Certification,

### **3.III Technical Characteristics and Operational Limitations**

<b>Type Design Definition:</b>	specification sheet No. 28.15.0000.000.000
<b>Description:</b>	The PZL M28 Model 05 is a twin-engined high-wing cantilever turboprop STOL airplane of all-metal structure, with twin vertical tails and a tricycle non-retractable landing gear featuring a steerable nose wheel
<b>Airplane Versions:</b>	<ul style="list-style-type: none"><li>- passenger transport, max. 19 passengers;</li><li>- cargo transport;</li><li>- passenger/cargo transport mix, max. 18 passengers;</li><li>- paradrop;</li><li>- liquid-cargo transportation;</li><li>- long-range ferry;</li><li>- version of improved standard, max. 13 passengers</li><li>- with the special equipment transportation/release system (designation PZL M28 05-S)</li><li>- maritime patrol (designation PZL M28 05-MPW)</li><li>- for Border Guard missions (designation PZL M28 05-SG)</li></ul>
<b>Engine:</b>	PT6A-65B turboprop with a free turbine, reduction ratio of 0.0568:1
<b>Number of Engines:</b>	2 (two)
<b>Engine Manufacturer:</b>	Pratt & Whitney Canada
<b>Fuel:</b>	Aviation kerosene, type JET-A, JET A-1, JET A-2, and their equivalents as per P&WC Bulletin No. 13044: JP-4, JP-5, JP-8, F34, F35, F40, F43, F44, AIR 3404, AIR 3405, AIR 3407 RT acc. to GOST 16564-71
<b>Oil:</b>	Aero Shell Turbine Oil 500, Rayco Turbine Oil 500, Mobil Jet Oil II, Stanffer Jet II, Castrol 5000, Exxon Turbo Oil 2380, Turbonoycoil 525-2A, Mobil Jet Oil 254 - in accordance with Pratt & Whitney Bulletin No. 13001.

<b>Engine Performance:</b>	Shaft Horse Power	Torque	Prop Speed	Turbine Speed	Exhaust Gas Temp.
	SHP	PSIG	rpm	%	°C
Takeoff	1100*	43.34	1700	104	820
Max. Continuous	1100**	43.34	1700	104	810
Max. Cruise	1000***	43.34	1700	104	800

\* attainable up to 50.5 °C  
 \*\* attainable up to 45.5 °C  
 \*\*\* attainable up to 42.5 °C

**Propeller:** HC-B5MP-3D/M10876ANSK with WOODWARD speed governor (3032082A)  
 Five-blade, all-metal, constant-speed type  
 Propeller diameter: max. 2.819 m,  
 min. 2.812 m.

**Number of propellers:** 2 (two)

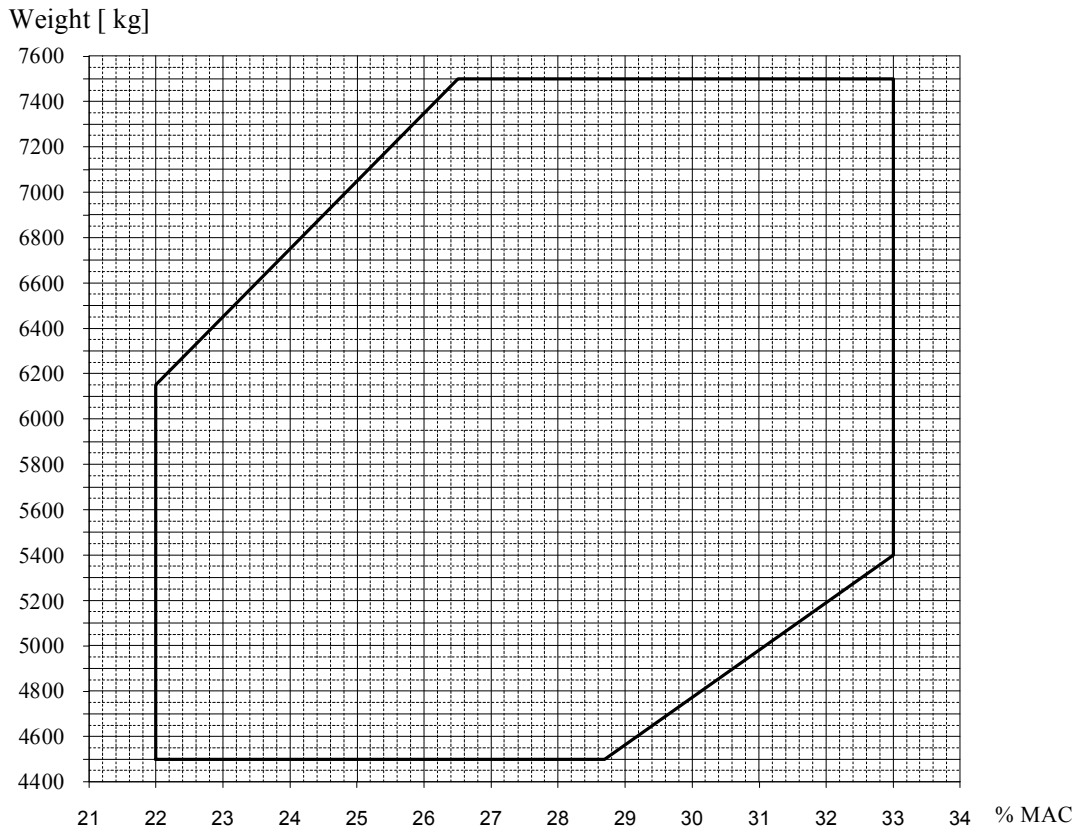
**Propeller Manufacturer:** Hartzell Propeller Inc. (USA)

<b>Airspeed Limitations:</b>	Indicated Airspeed IAS [km/h]	Calibrated Airspeed CAS [km/h]
Max. Operating (Limit) Speed, $V_{mo}$	355	345
Design Maneuvering Speed, $V_A$	244	238
Max. Flaps-Extended Speed, $V_{FE}$	Flaps 15°	215
	Flaps 40°	200
Max. Spoiler-Deployed Speed, $V_{NS}$	215	210
Minimum Control Speed, $V_{MC}$	153	146

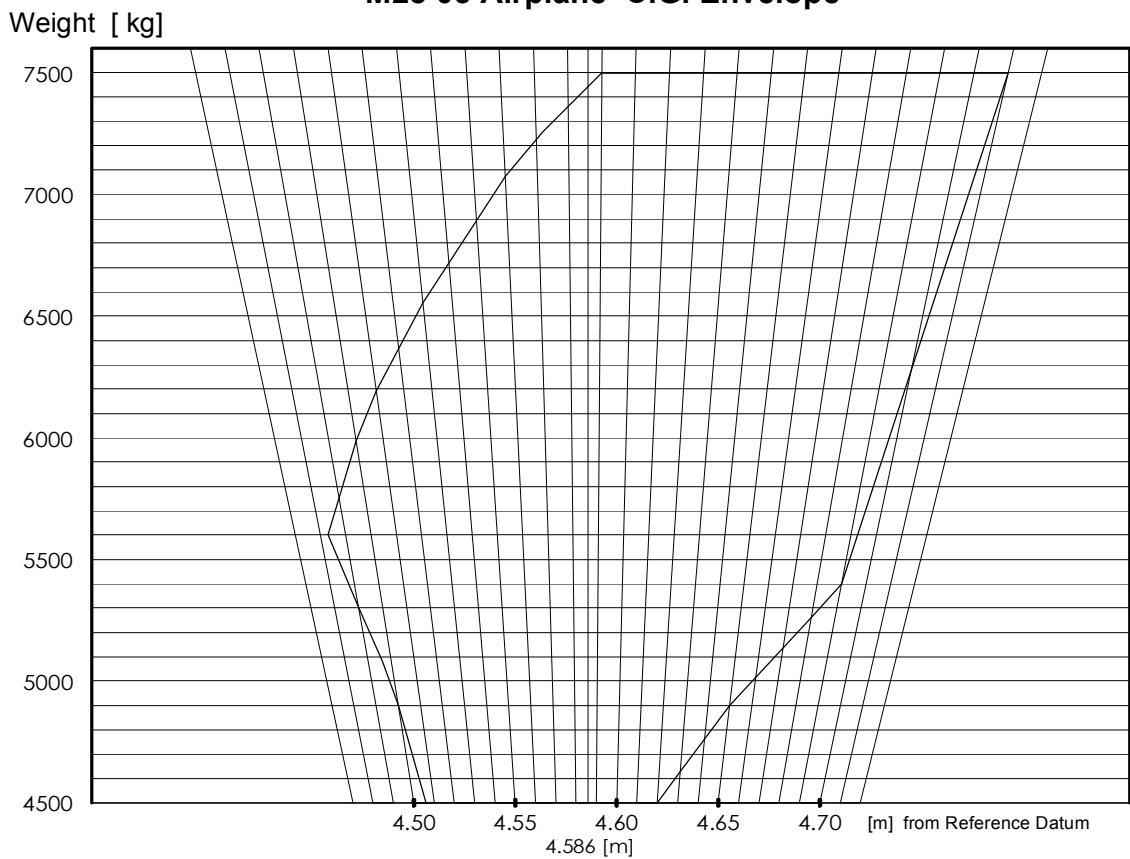
**Load Factor Limits at Max.**

Flaps Up	n=+3.0	-1.0
Flaps Down	n=+2.0	0

**Center-of-Gravity Envelope:**



**M28 05 Airplane C.G. Envelope**



**Weights:**

Max. Takeoff	7500 kg
Max. Landing	7500 kg
Max. Zero-Fuel	6900 kg
Max. Payload	2300 kg

Note:

max. 2000 kg in Cargo/Passenger Cabin (inclusive of max. 40 kg on Rack in Fuselage Rear Part)

max. 300 kg in Underfuselage Pod

Minimum Weight for Flight	4700 kg
Max. Luggage in Underfuselage Pod	300 kg
Max. Luggage on Rack	150 kg
Hoist Lifting Capacity Max:	700 kg

**Max. Passenger Seating Capacity:**

19

for version of improved standard:

13

**Minimum Crew:**

2 pilots

**Fuel Tank Capacity:**

- Wing tanks 2278 l. (1766 kg)

- Auxiliary tank inside fuselage 2090 l. (1650 kg)

**Unusable Fuel:**

36 l. (28 kg)

**Oil Tank Capacity:**

Maximum 2 x 9.45 l.

Minimum 2 x 3.77 l.

**Approved Kinds of Operation:**

- VFR flights, day and night,
- IFR flights, day and night,

**Max. Service Ceiling:**

- without oxygen-supply system 3000 m

- with oxygen-supply system 4000 m

- cargo transport configuration with oxygen system for the crew 7620 m

**Landing gear:**

Fixed, tricycle type, with a steerable nose wheel

- Main Gear: rocker-type with a single-chamber shock absorber,

- Nose Gear: rocker-type, with a double-chamber shock absorber,

Nose Wheel Controlling Angle  $\pm 15^\circ$

Nose Wheel Controlling Angle with Steering OFF  $\pm 45^\circ$

**Control Surface Movements:**

Ailerons:	Up	$22^{\circ} \pm 1^{\circ}$
	Down	$16^{\circ} 20' \pm 1^{\circ}$
Aileron Trim Tab:	Up	$14^{\circ} \pm 1^{\circ}$
	Down	$14^{\circ} \pm 1^{\circ}$
Elevator:	Up	$27^{\circ} \pm 1^{\circ}$
	Down	$19^{\circ} \pm 1^{\circ}$
Elevator Trim Tab: (Elevator Neutral)	Up	$15^{\circ} \pm 1^{\circ}$
	Down	$25^{\circ} \pm 1^{\circ}$
Rudder LH:	Inboard	$16^{\circ} \pm 1^{\circ}$
	Outboard	$22^{\circ} \pm 1^{\circ}$
Rudder RH:	Inboard	$16^{\circ} \pm 1^{\circ}$
	Outboard	$22^{\circ} \pm 1^{\circ}$
Rudder Trim Tab: (Rudder Neutral)	Left	$15^{\circ} \pm 1^{\circ}$
	Right	$15^{\circ} \pm 1^{\circ}$
Wing Flaps:	Takeoff	$15^{\circ} \pm 1^{\circ}$
	Landing	$40^{\circ} \pm 1^{\circ}$
Spoilers:	Inboard	$45^{\circ} \pm 1^{\circ}$
	Outboard	$60^{\circ} \pm 1^{\circ}$

**Operating Ambient Temperature Range:**  $-50^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$

**Standard Equipment:**

For airplanes S/N AJE001-19 up to AJE002-10	As defined in Section 7 of the Airplane Flight Manual (M28/14/99 Issue)
For airplanes S/N AJE00301 and up	As defined in section 7 of the PZL M28 Airplane Flight Manual, Ref. No. M28/10/2002

**Optional & Operational Equipment**

For airplanes S/N AJE001-19 up to AJE002-10	As defined in Section 9 of the Airplane Flight Manual (M28/14/99 Issue)
For airplanes S/N AJE00301 and up	As defined in section 9 of the PZL M28 Airplane Flight Manual, Ref. No. M28/10/2002

### **3.IV Operating and Service Instructions**

Each airplane is provided with the following approved documents:

- 1) For airplanes S/N AJE001-19 up to AJE002-10 :
  - a) PZL M28 with PT6A-65B Engines: Airplane Flight Manual (P/N M28/14/99),
  - b) PZL M28 Maintenance Manual (P/N M28/4/95/PBD), including Sec. 4: „AIRWORTHINESS LIMITATIONS” and Sec. 5: „MAINTENANCE SCHEDULE”,
  
- 2) For airplanes S/N AJE00301 and up :
  - a) PZL M28 Airplane Flight Manual, Ref. No.: M28/10/2002,
  - b) PZL M28 Maintenance Manual, Ref. No.: M28/11/2002, including Sec. 4: "Airworthiness Limitations" and Sec. 5: "Maintenance Schedule".
  
- 3) Airplane Service Life, and Component TBOs :
  - a) For airplanes S/N AJE001-19 up to AJE002-10 as defined in Sec. 4 of M28 Maintenance Manual Ref. No. M28/4/95/PBD
  
  - b) For airplanes S/N AJE00301 and up as defined in Sec. 4 of M28 Maintenance Manual Ref. No. M28/11/2002.

### **3.V Notes**

1. Flight in known or forecast icing conditions is prohibited
  
2. This Type Certificate applies to aircraft S/N: AJE001-19 up to AJE002-10, and to aircraft S/N AJE003-01 and up.
  
3. When the ice protection system is installed, flight with this system operative is allowed but with consideration for note 1 (above).

### **CHANGE RECORD**

- Issue 1: 24 October 2005: Initial Issue
- Issue 2: 21 April 2006: Introduction of maritime patrol (designation PZL M28 05-MPW) and Border Guard missions (designation PZL M28 05-SG) in Section 3. Installation of ice protection system, approved on a non-hazard basis only. Flight in known or forecast icing conditions is prohibited
- Issue 3: Corrections to Vmo 335 to 355 km/hr on Pages 11 and 18  
Correction to propeller designation from HC-BP5MP-3D/M10876ANSK to HC-B5MP-3D/M10876ANSK on pages 11 and 18.

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