

 Crafted in Switzerland

PC-12 NGX

THE WORLD'S GREATEST SINGLE MODEL BUILDING PLAN 1:25



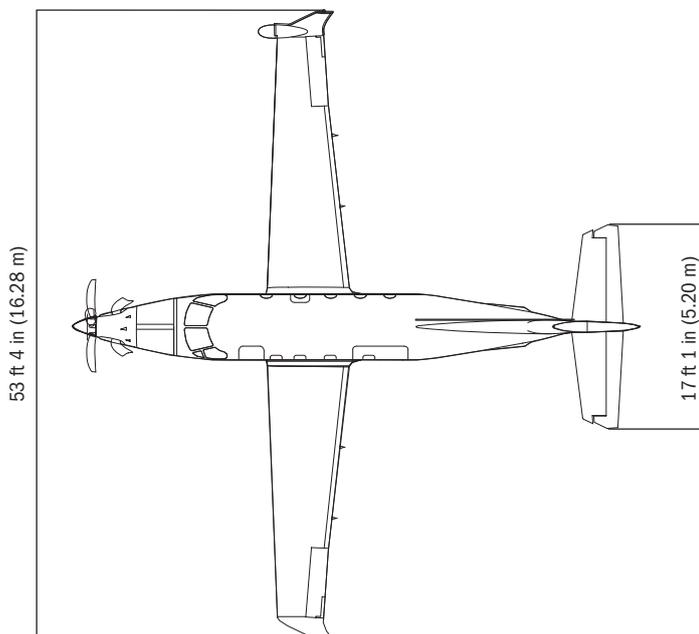
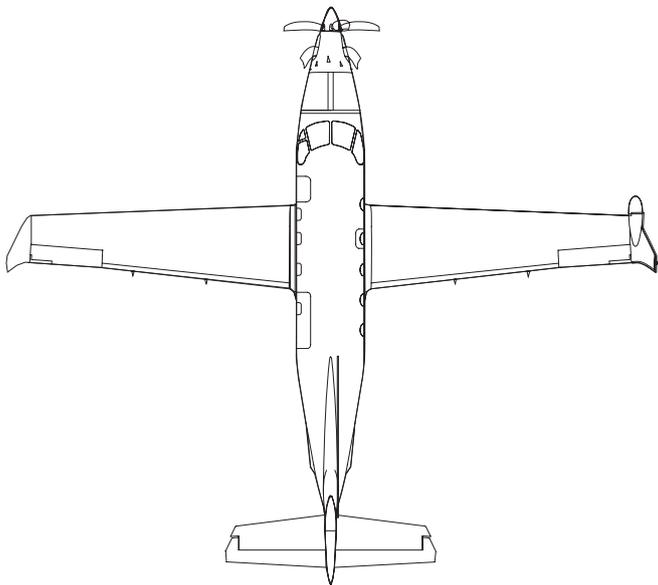
 **PILATUS** 

PC-12 NGX

MODEL BUILDING PLAN 1:25

Introducing the PC-12 NGX which incorporates a wealth of new features that combine to make the third generation of the venerable PC-12 airframe the most advanced single-engine turboprop ever. Building on its outstanding safety record of over seven million flight hours and Pilatus' industry-leading customer support, the PC-12 NGX brings the latest engine and avionics technology to the turboprop market - today. Additionally, Pilatus completely redesigned the passenger cabin with new executive seats and larger cabin windows.

The PC-12 NGX is versatile enough to fly nearly any mission - from executive transport, cargo, air ambulance, and airline or government special mission applications.



PERFORMANCE

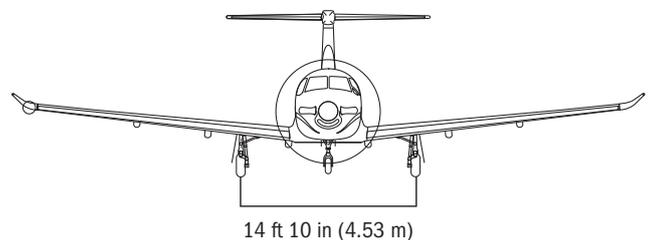
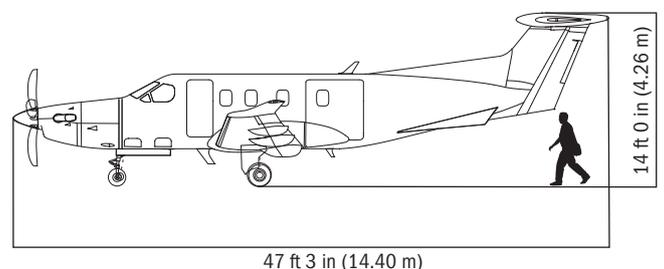
The PC-12 NGX has the following performance under international standard atmospheric conditions:

Take-off distance over 50 ft (15 m) obstacle (MTOW, sea level, dry paved runway)	2,485 ft	758 m
Landing distance over 50 ft (15 m) obstacle (MLW, sea level, dry paved runway)	2,170 ft	661 m
Max. rate of climb (MTOW, sea level)	1,920 ft/min	9.75 m/s
Max. cruise speed (flight level 220)	290 KTAS	537 km/h
Range with 4 passengers (800 lb payload, NBAA IFR reserves of 100 nm, long range cruise, ISA, FL 300, single pilot operation) ¹	1,803 nm	3,339 km
Max. certified altitude	30,000 ft	9,144 m
Stall speed (landing configuration, MLW)	67 KIAS	124 km/h

WEIGHTS

Basic operating weight ¹	6,803 lb	3,086 kg
Max. take-off weight	10,450 lb	4,740 kg
Max. landing weight	9,921 lb	4,500 kg
Max. payload ¹	2,236 lb	1,014 kg
Max. payload with full fuel ¹	988 lb	448 kg

¹ 6 seat executive configuration, incl. one pilot



PC-12 NGX

DETAILED VIEW

ANTENNAS



FLAP SYSTEM



NOSE GEAR

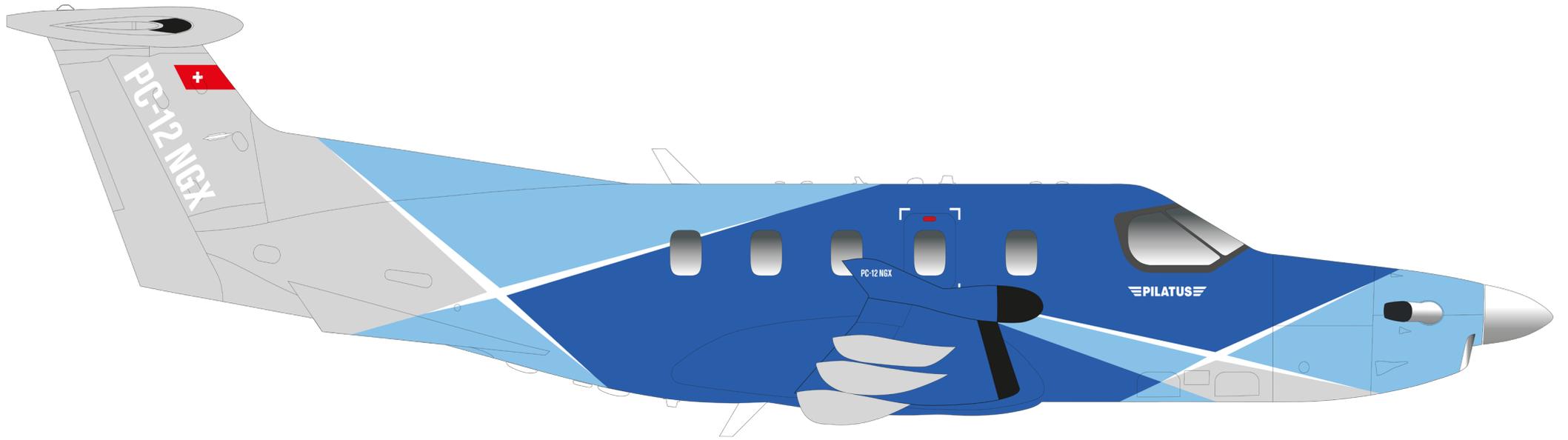


LANDING LIGHTS



TAIL & ANTENNA



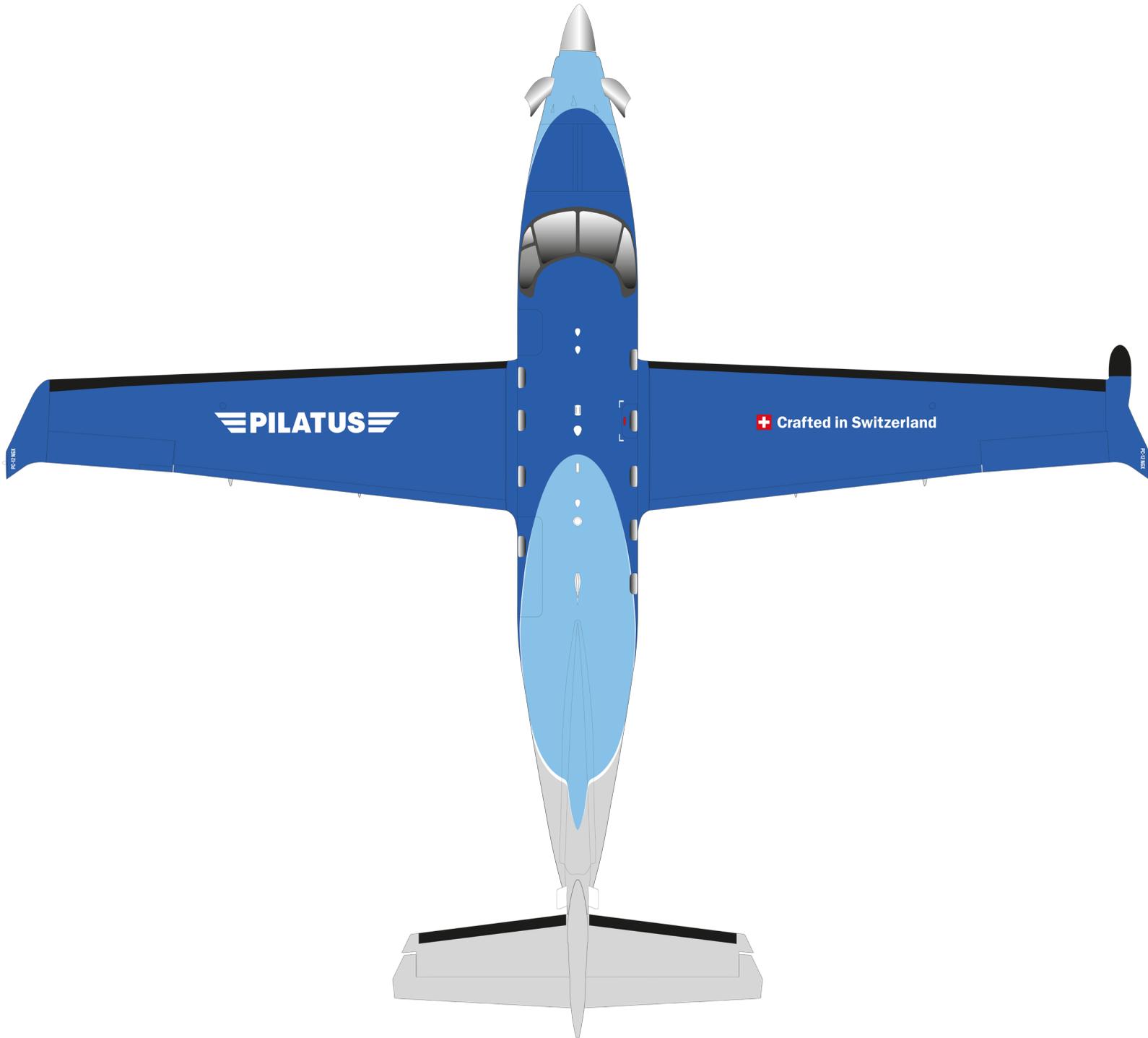


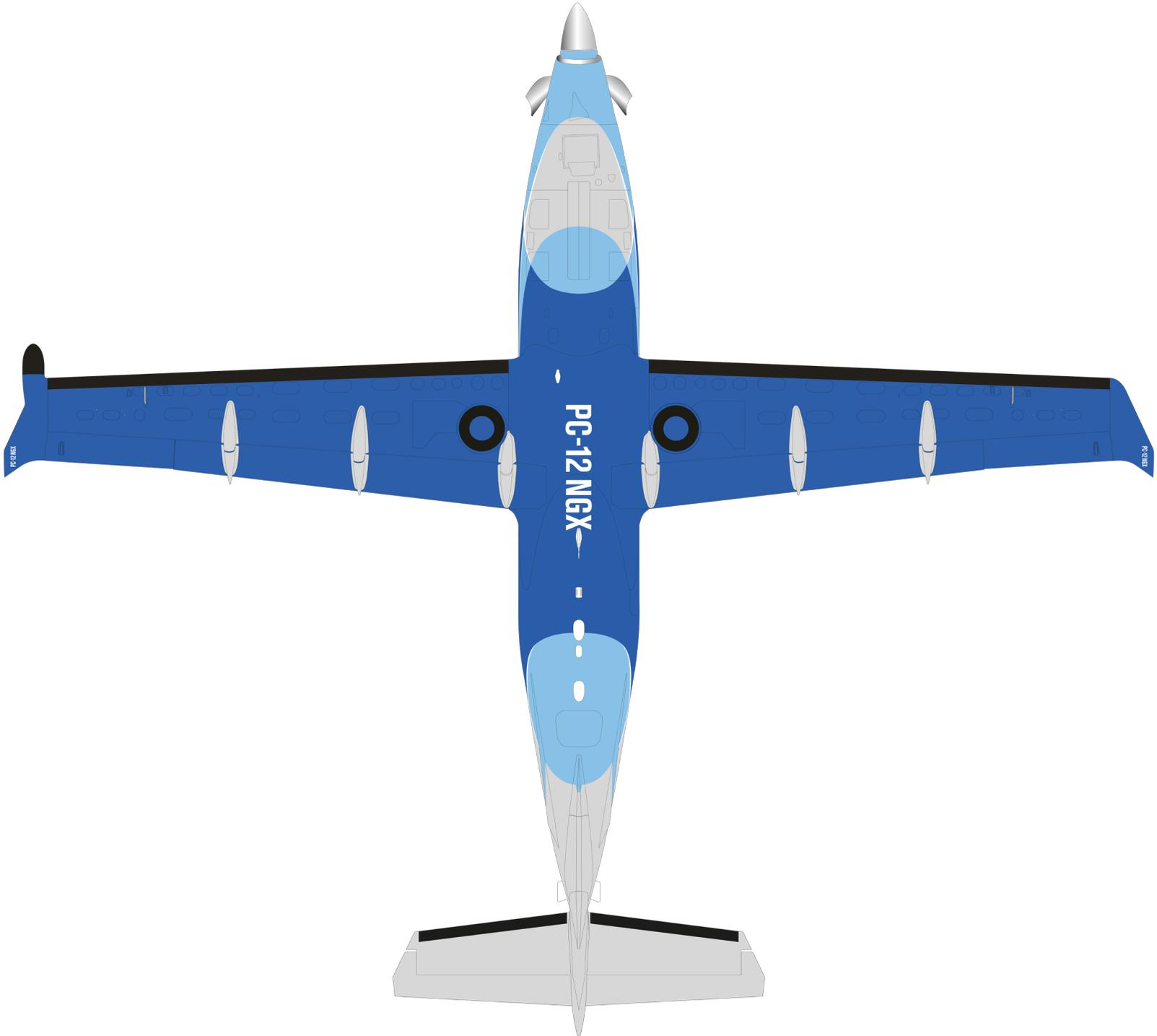
outside

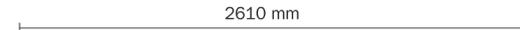


inside









Special:
3M Sticker



Fuselage:

		Titanium Silver 10679, Alumigrip 4250
		Blue met. CM349 F6, Alumigrip 4250
		Silver Lake Bentley LK5R, Alumigrip 4250
		Snow White 702112, Alumigrip 4200

Sticker:

		3M Red
		3M White

Registration Color and Location:

	Color Fuselage:	3M Blue
	Outline:	3M Silver
	Color Wing:	-

Wing:

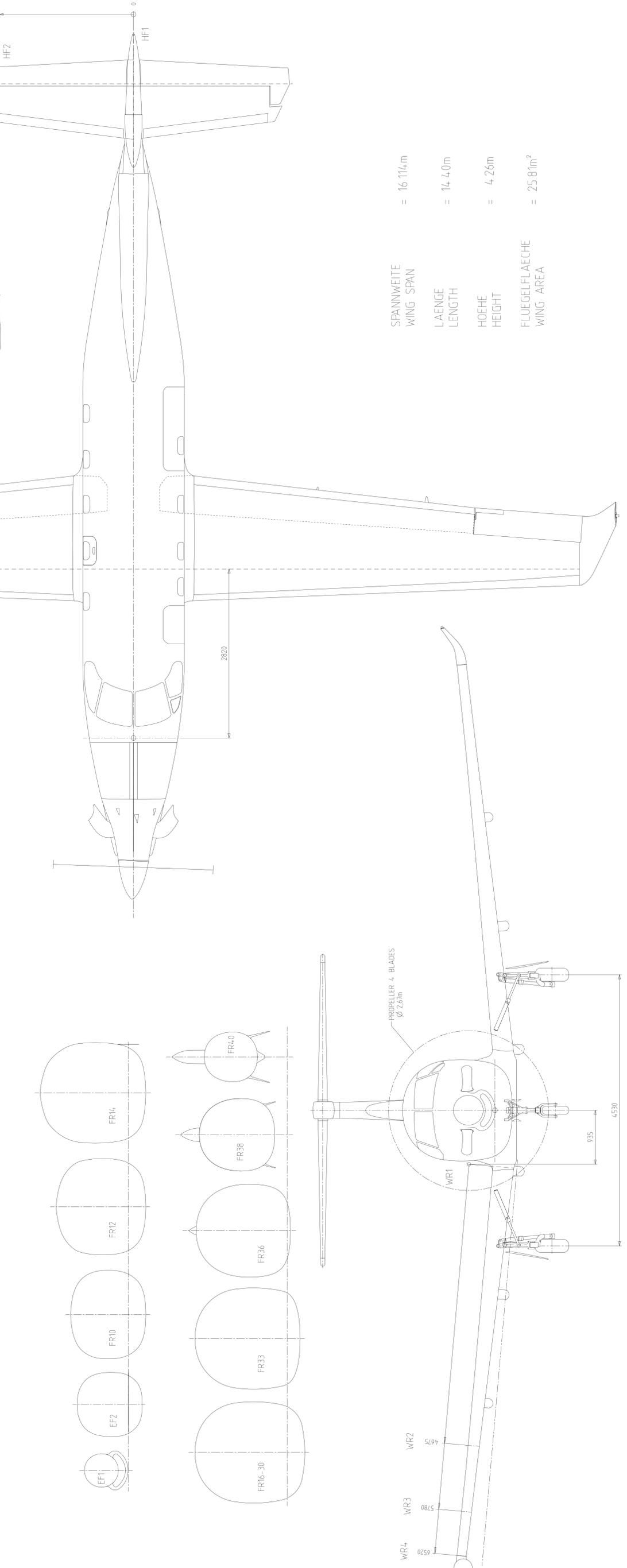
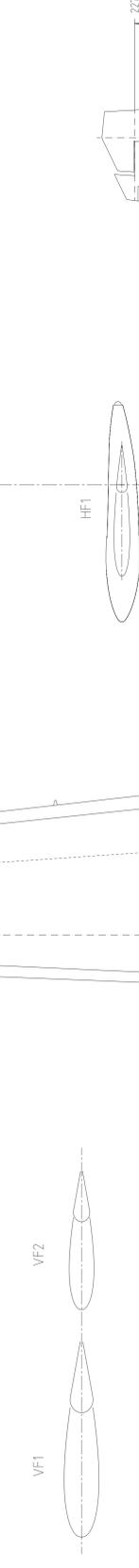
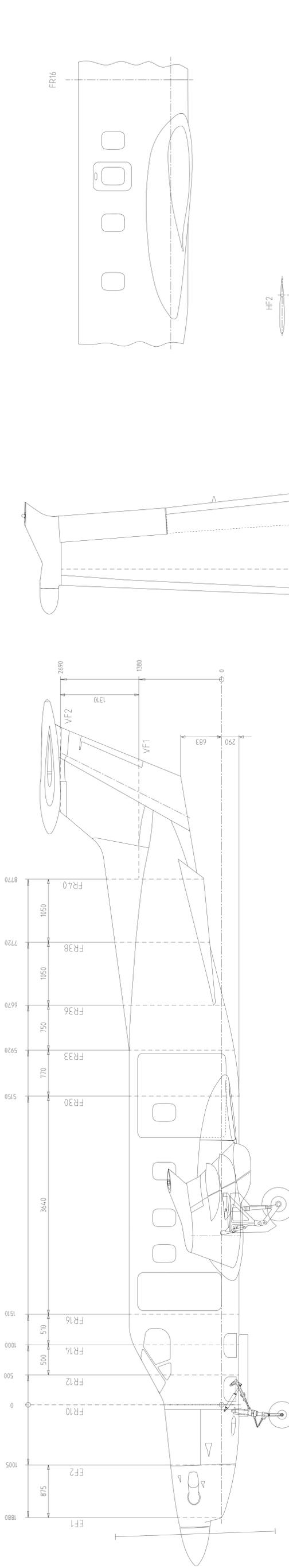
	Upper Wing:	Blue met. CM349 F6, Alumigrip 4250
	Lower Wing:	Blue met. CM349 F6, Alumigrip 4250
	Flap Fairings:	Titanium Silver 10679, Alumigrip 4250
	Wheel Cover:	Blue met. CM349 F6, Alumigrip 4250

Winglets Inner/Outer:

	Upper Winglet:	Blue met. CM349 F6, Alumigrip 4250
	Lower Winglet:	Blue met. CM349 F6, Alumigrip 4250

Branding Options:

	Pilatus Logo Fuselage: Below Cockpit Windows LH and RH	3M White	Only white, black, silver (RAL 9006) or Pilatus Blue (RAL 5002) possible.
	Pilatus Logo Wing: On lower side of RH Wing	-	Only white, black, silver (RAL 9006) or Pilatus Blue (RAL 5002) possible.
	PC-12NG Logo Wing: Winglets LH and RH	3M White	
	PC-12NG Logo Fuselage: Below Cockpit Window LH	-	
	PC-12NG Logo Bottom: On lower Center Fuselage	3M White	



SPANNWEITE
 WING SPAN
 = 16 114m

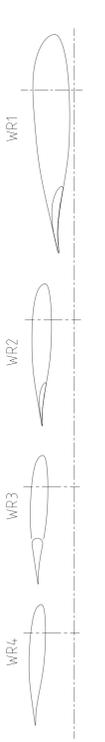
 LAENGE
 LENGTH
 = 14 40m

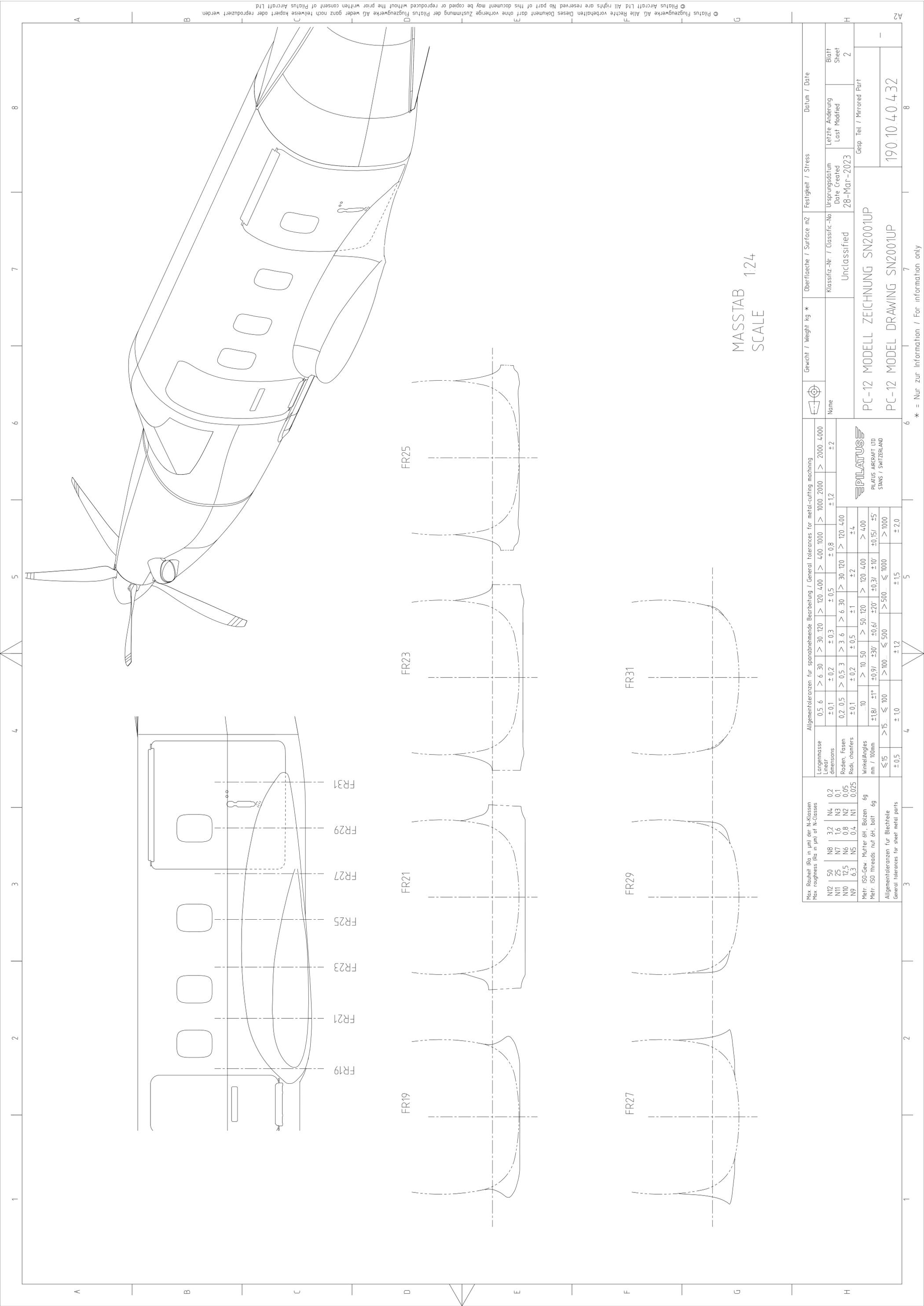
 HOEHE
 HEIGHT
 = 4 26m

 FLUEGELFLAECHE
 WING AREA
 = 25 81m²

MASSSTAB
 SCALE
 1:24

Allgemeine Angaben für die Konstruktion / General information for construction		Abmessungen / Dimensions		Gewicht / Weight		Material / Material		Date / Date	
Spannweite	> 100	Spannweite	> 100	Gesamtgewicht	> 1000	Material	Aluminium	Zeichnungsdatum	1990-10-04
Laenge	> 50	Laenge	> 50	Fluegelgewicht	> 1000	Material	Aluminium	Zeichnungsdatum	1990-10-04
Hoeh	> 5	Hoeh	> 5	Fluegelspannweite	> 100	Material	Aluminium	Zeichnungsdatum	1990-10-04
Fluegelspannweite	> 100	Fluegelspannweite	> 100	Fluegelgewicht	> 1000	Material	Aluminium	Zeichnungsdatum	1990-10-04
Fluegelgewicht	> 1000	Fluegelgewicht	> 1000	Fluegelspannweite	> 100	Material	Aluminium	Zeichnungsdatum	1990-10-04
Fluegelspannweite	> 100	Fluegelspannweite	> 100	Fluegelgewicht	> 1000	Material	Aluminium	Zeichnungsdatum	1990-10-04
Fluegelgewicht	> 1000	Fluegelgewicht	> 1000	Fluegelspannweite	> 100	Material	Aluminium	Zeichnungsdatum	1990-10-04
Fluegelspannweite	> 100	Fluegelspannweite	> 100	Fluegelgewicht	> 1000	Material	Aluminium	Zeichnungsdatum	1990-10-04
Fluegelgewicht	> 1000	Fluegelgewicht	> 1000	Fluegelspannweite	> 100	Material	Aluminium	Zeichnungsdatum	1990-10-04





MASSTAB 1:24
SCALE

Max. Rauheit (Ra in µm) der N-Klassen Max. roughness (Ra in µm) of N-Classes N12 50 N8 3.2 N4 0.2 N11 25 N7 1.6 N3 0.1 N10 12.5 N6 0.8 N2 0.05 N9 6.3 N5 0.4 N1 0.025 Metr. ISO-Gew.: Muffen 6H, Bölen 6g Metr. ISO threads: nut 6H, bolt 6g Allgem. Toleranzen für Blechteile General tolerances for sheet metal parts	Allgem. Toleranzen für spanabnehmende Bearbeitung / General tolerances for metal-cutting machining Längemasse / Length dimensions 0,5 - 6 > 6 - 30 > 30 - 120 > 120 - 400 > 400 - 1000 > 1000 - 2000 > 2000 - 4000 ±0,1 ±0,2 ±0,3 ±0,5 ±0,8 ±1,2 ±2 Radien, Fasen / Radii, chamfers 0,2 - 0,5 > 0,5 - 3 > 3 - 6 > 6 - 30 > 30 - 120 > 120 - 400 ±0,1 ±0,2 ±0,5 ±1 ±2 ±4 Winkel / Angles ...10 > 10 - 50 > 50 - 120 > 120 - 400 > 400 ±18/ ±1° ±0,9/ ±30° ±0,6/ ±20° ±0,3/ ±10° ±0,15/ ±5° ≤ 15 > 15 ... ≤ 100 > 100 ... ≤ 500 > 500 ... ≤ 1000 > 1000 ±0,5 ±1,0 ±1,2 ±1,5 ±2,0										Gewicht / Weight kg * Festigkeit / Stress Datum / Date	Oberfläche / Surface m ² Klassifiz.-Nr. / Classification-No Ursprungsdatum / Date Created 28-Mar-2023	Letzte Änderung / Last Modified Gesp. Teil / Mirrored Part	Blatt / Sheet 2
	Name PC-12 MODELL ZEICHNUNG SN2001UP PC-12 MODEL DRAWING SN2001UP													

* = Nur zur Information / For information only

Founded in 1939, Pilatus Aircraft Ltd develops and produces the world's most unique aircraft: from the legendary PC-12, the best-selling single-engine turboprop in its class, to the PC-7 MKX and PC-21 and associated simulators, the market-leading systems for pilot training. The brand-new PC-24 is the world's first ever business jet designed for use on short unprepared runways. The Pilatus team consists of over 2,300 exceptional employees who make the company, which is domiciled in Stans, one of the largest and most innovative employers in Central Switzerland. The Pilatus Group also includes independent subsidiaries in the USA and Australia. Pilatus provides training for over 140 apprentices in various professions - job training for young people has always been a very high priority. Pilatus remains committed to Switzerland as a hub for work and new ideas, and acts in a sustainable and environmentally-conscious manner at all times.

