

 Crafted in Switzerland



PC-24
THE CRYSTAL CLASS

THE SUPER VERSATILE JET MODEL BUILDING PLAN 1:25



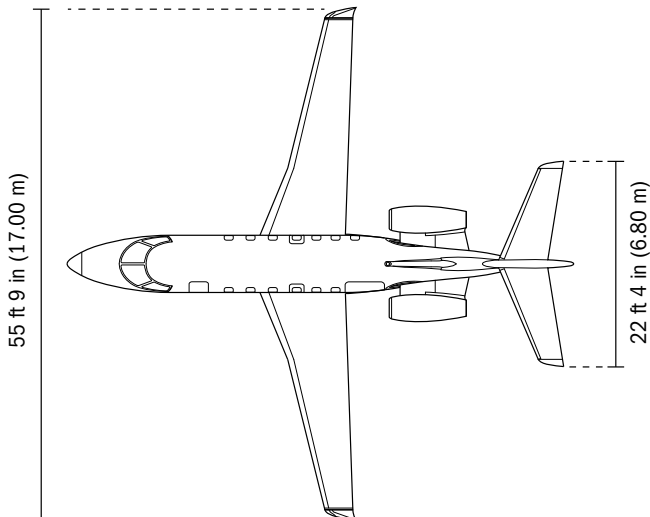
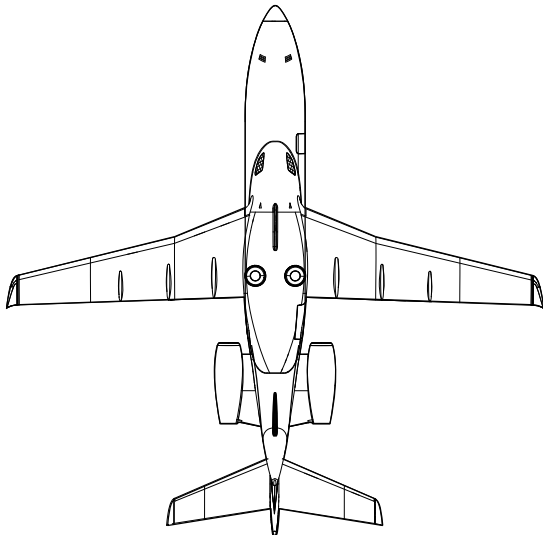
 **PILATUS** 

PC-24

MODEL BUILDING PLAN 1:25

The Pilatus PC-24 is the world's first and only Super Versatile Jet. It combines the practicality of a turboprop with the cabin size of a medium light jet and the performance of a light jet.

Its flexible interior and generous cargo door make loading fast and easy. The PC-24 is designed to operate from short, paved and even unpaved surfaces, giving pilots access to almost 20,000 additional airports worldwide. That's why the PC-24 is a Super Versatile Jet: more runways, more space, more possibilities.



PERFORMANCE

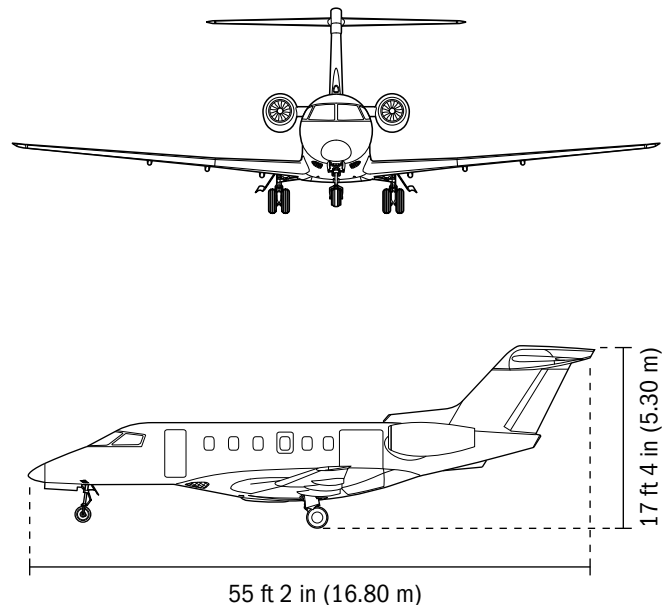
The PC-24 has the following performance under international standard atmospheric conditions:

Balanced field length (MTOW, sea level, dry paved runway)	2,930 ft	893 m
Landing distance over 50 ft (15 m) obstacle (MLW, sea level, dry paved runway)	2,375 ft	724 m
Max. rate of climb (sea level, 200 KCAS)	4,070 fpm	20.70 m/s
Max. cruise speed (flight level 280)	440 KTAS	815 km/h
Range with 4 passengers (800 lb payload, LRC, NBAA IFR reserves of 100 nm + 30 min VFR) ¹	2,000 nm	3,704 km
Max. certified altitude	45,000 ft	13,716 m
Stall speed (landing configuration, MLW)	82 KIAS	151 km/h

WEIGHTS

Basic operating weight ¹	17,720 lb	5,316 kg
Max. take-off weight ²	18,300 lb	8,300 kg
Max. landing weight	16,900 lb	7,665 kg
Max. payload ¹	2,500 lb	1,134 kg
Max. payload with full fuel ¹	715 lb	324 kg

¹ Executive configuration (6 seat), incl. one pilot
² 17,650 lb (8,005 kg) limitation until mid 2018



PC-24

STICKERS



511.20.24.082

PC-24



PC-24

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PC-24

511.20.24.080



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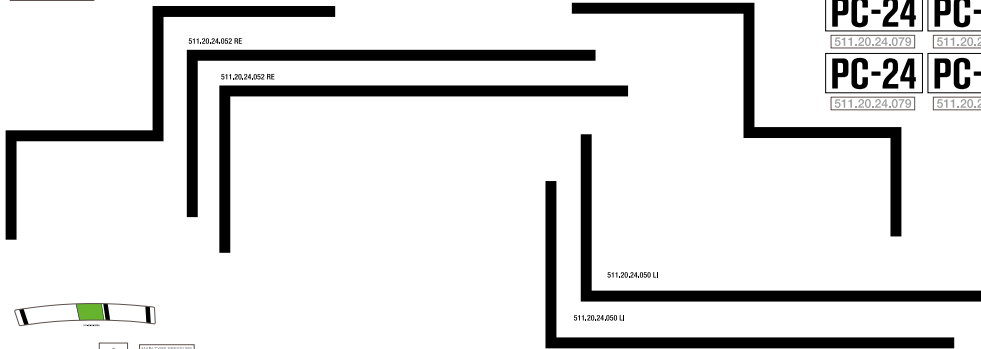


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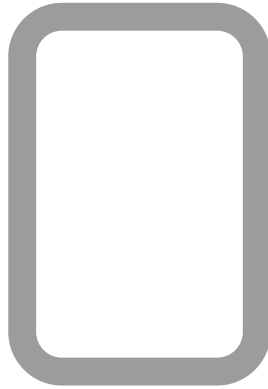
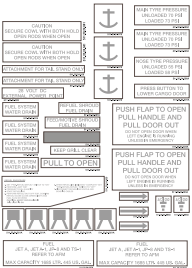
511.20.24.055A Lira

511.20.24.054a Rectas

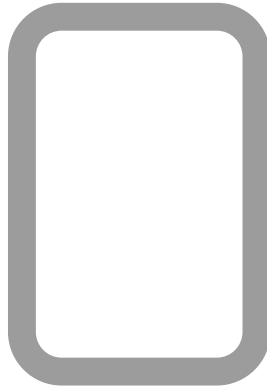


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511.20.24.079 511.20.24.079

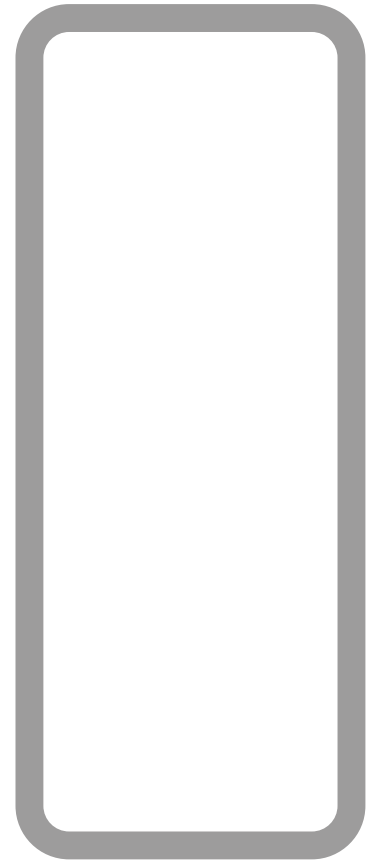
PC-24 PC-24
511.20.24.079 511.20.24.079



511.20.24.072B



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511.20.24.074B

PC-24

DETAILED VIEW

NOSE



MAIN GEAR



TAIL, ANTENNA & ENGINE



NOSE GEAR

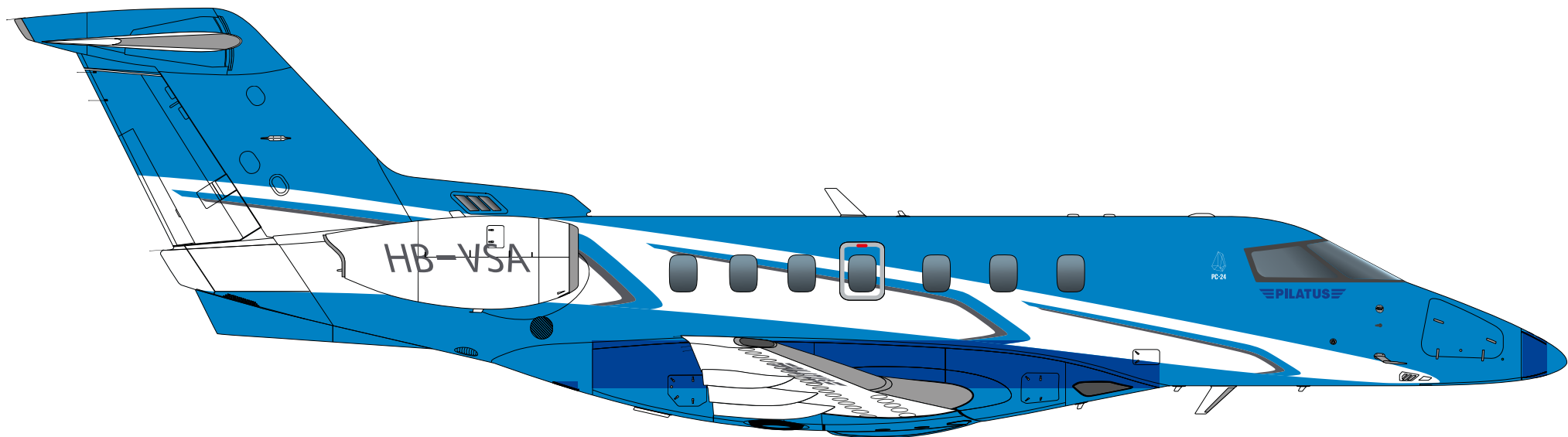


STROBE LIGHTS



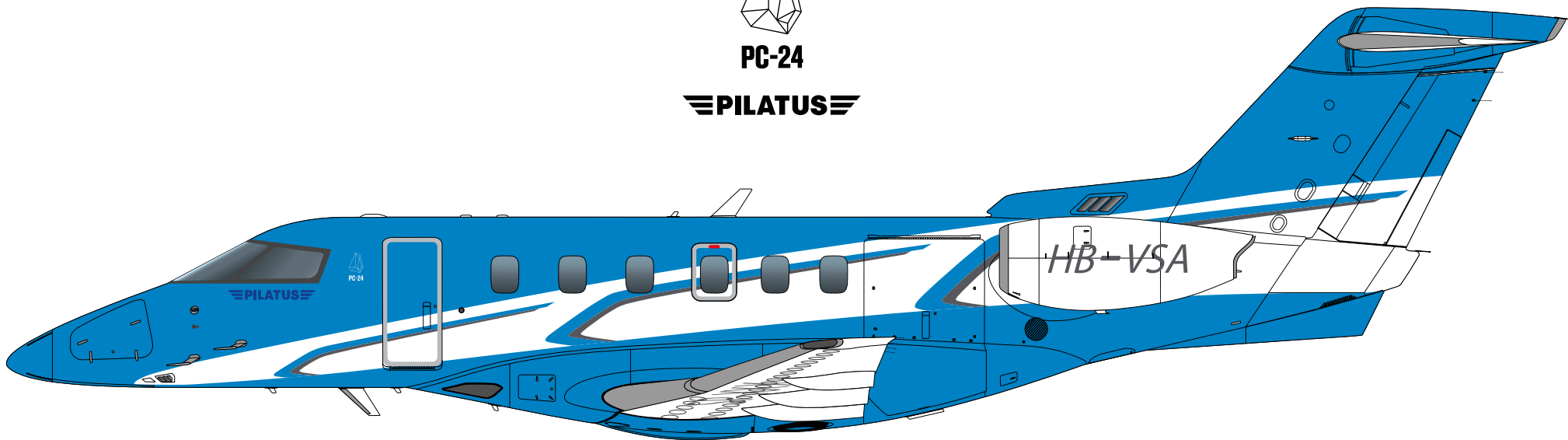
LANDING LIGHTS

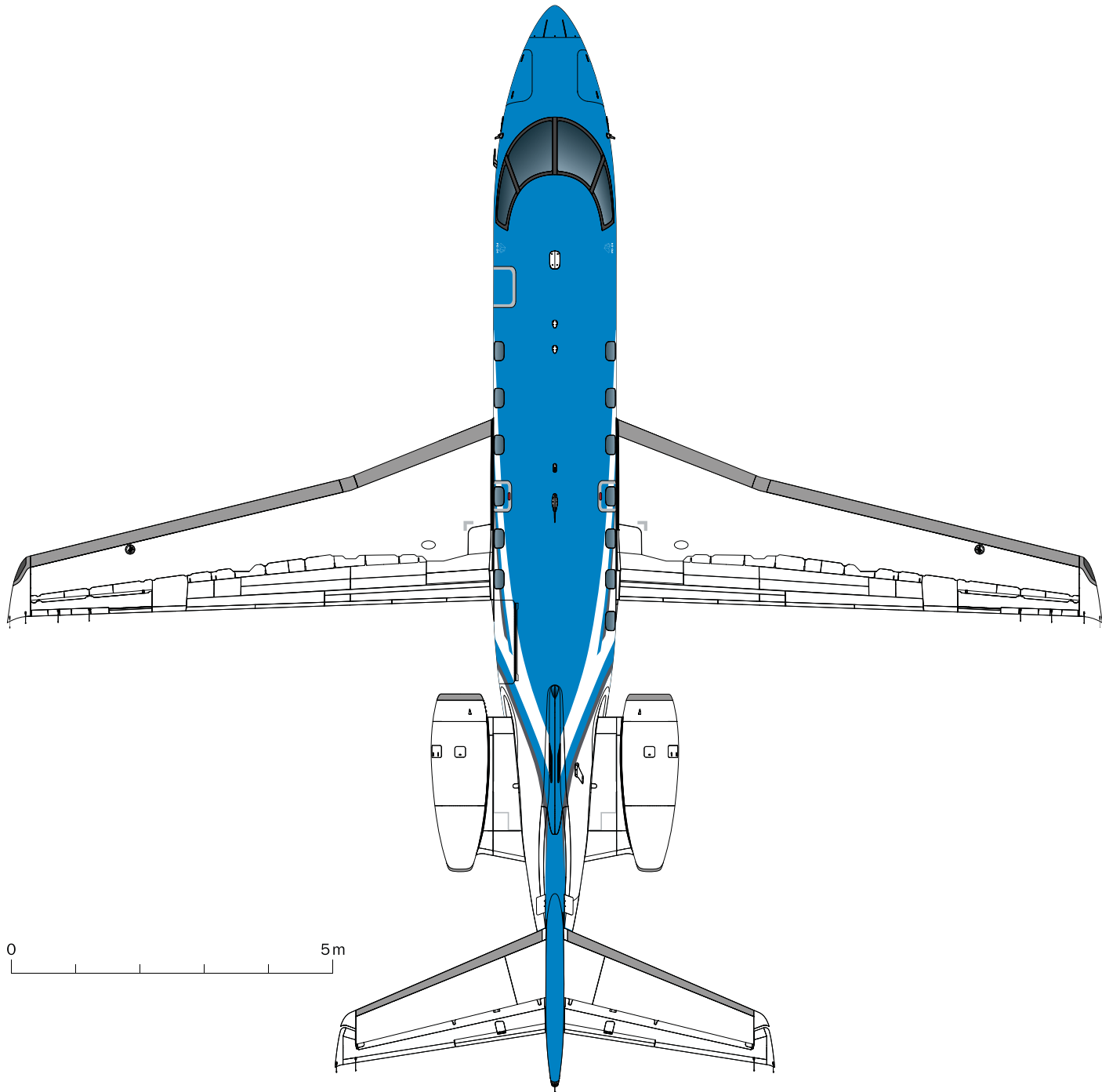


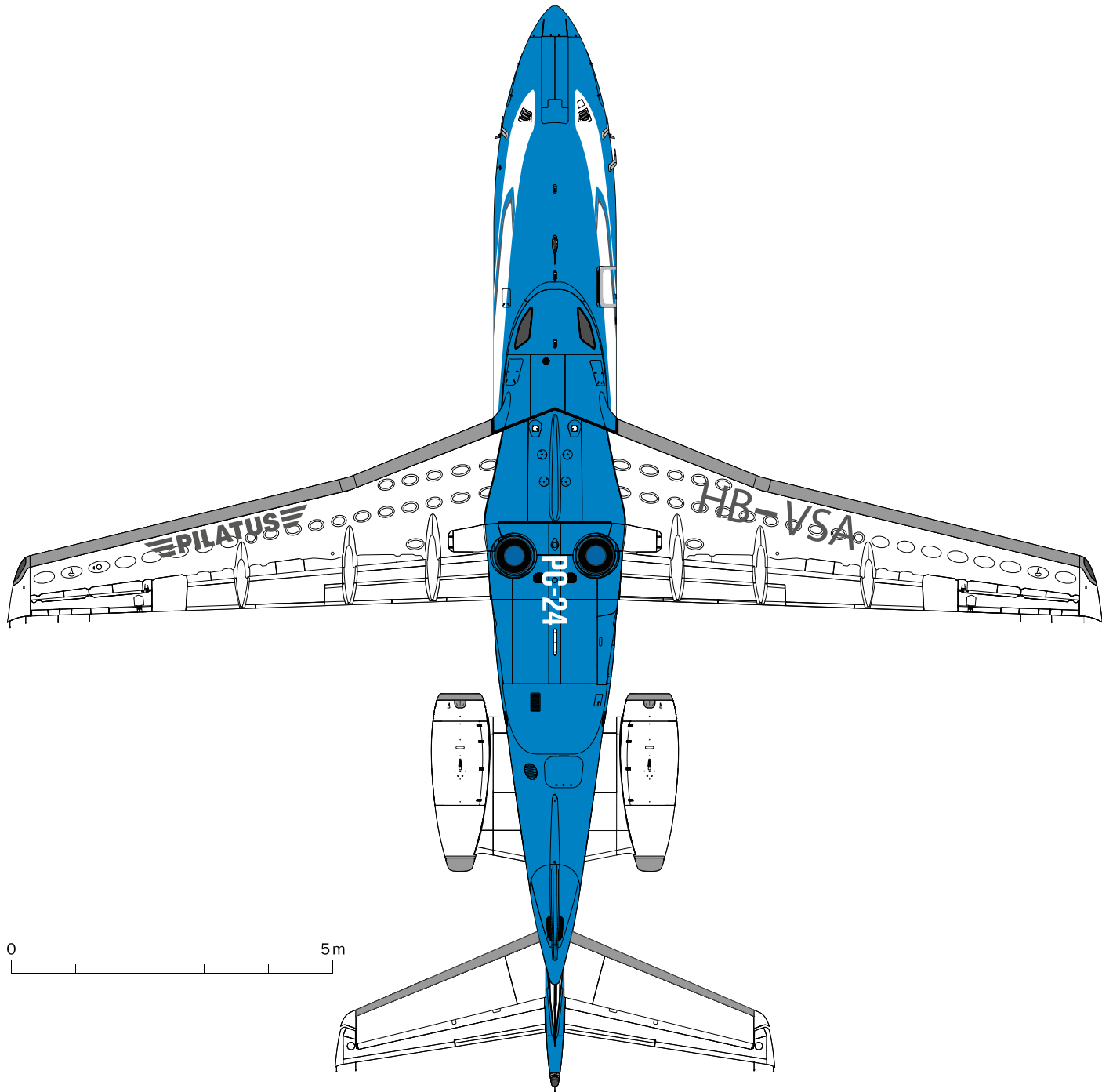


PC-24

PILATUS









PC-24

PILATUS

Fuselage:

	Base Color:	Snow White, 702112
		Capri Blue, I6509
		Spirit Light Gray, I2442
	Emerg. Exit Markings:	Kingston Gray, G15023

Engine:

	Base Color Cowling:	Snow White, 702112
	Base Color Pylon:	Snow White, 702112
	No Step Markings:	Kingston Gray, G15023

Registration:

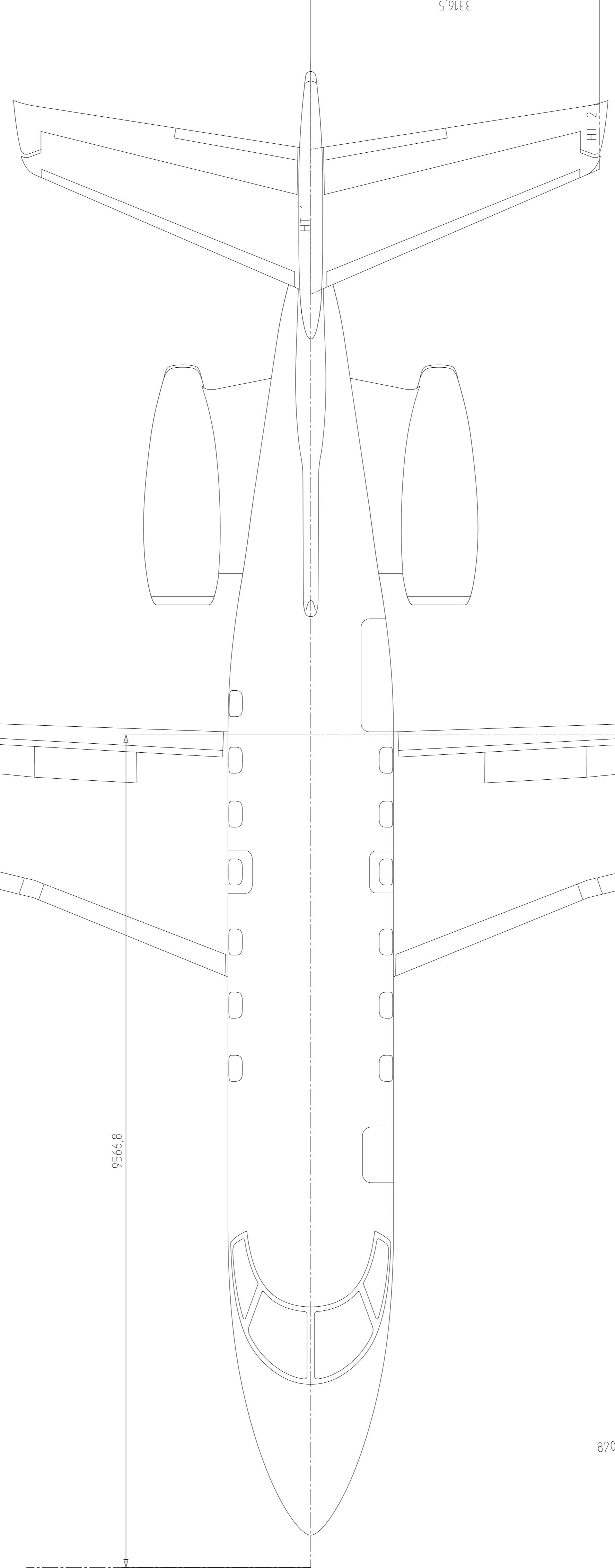
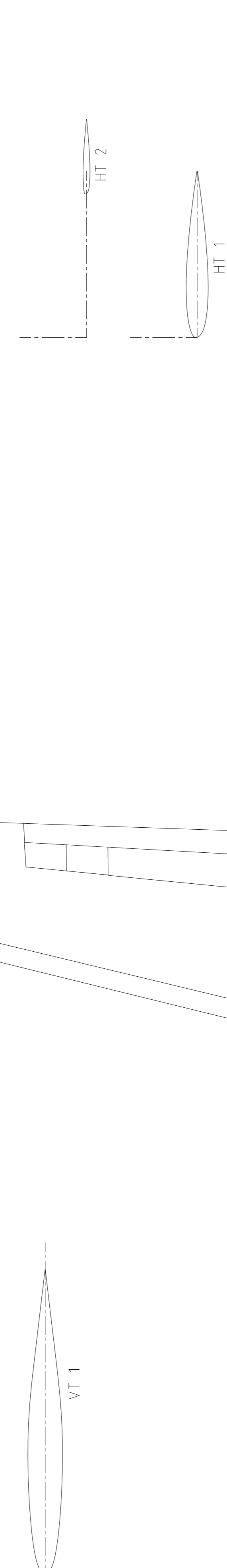
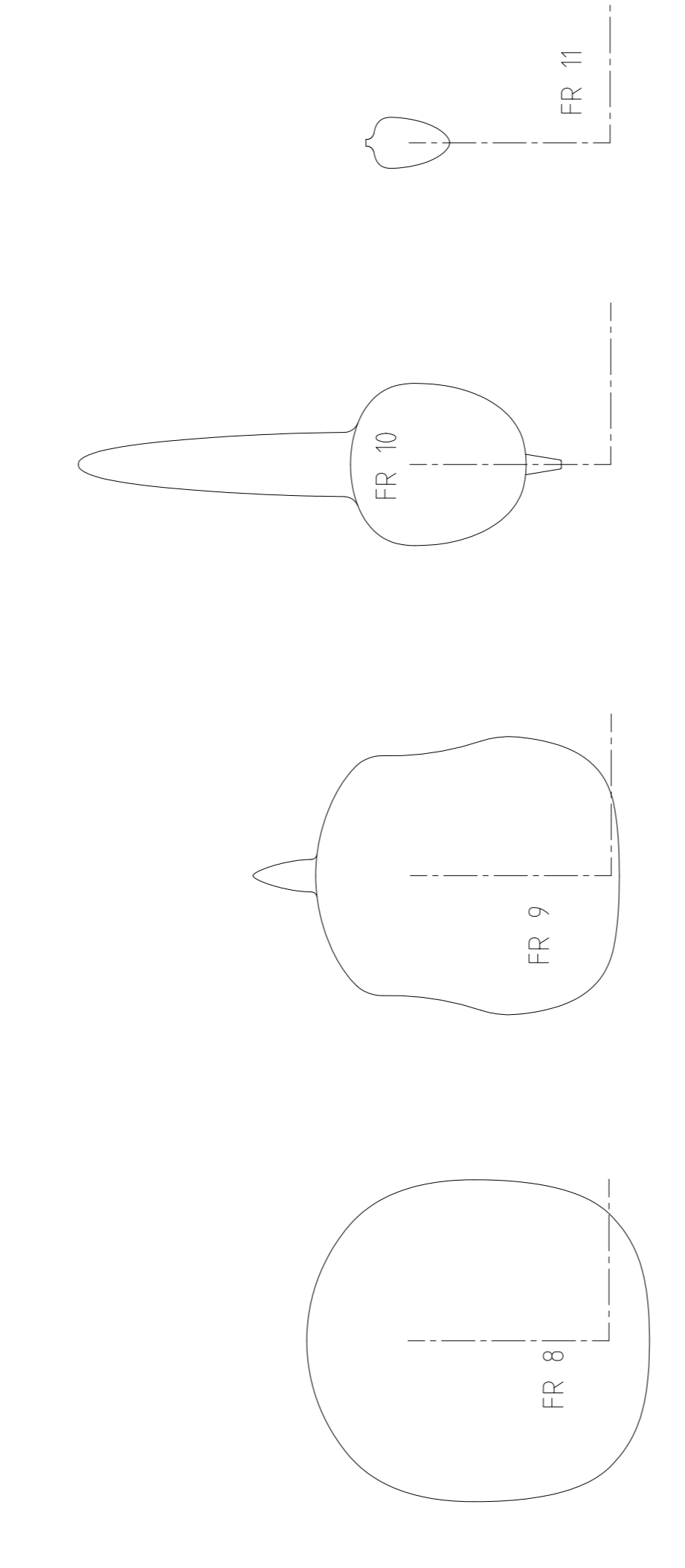
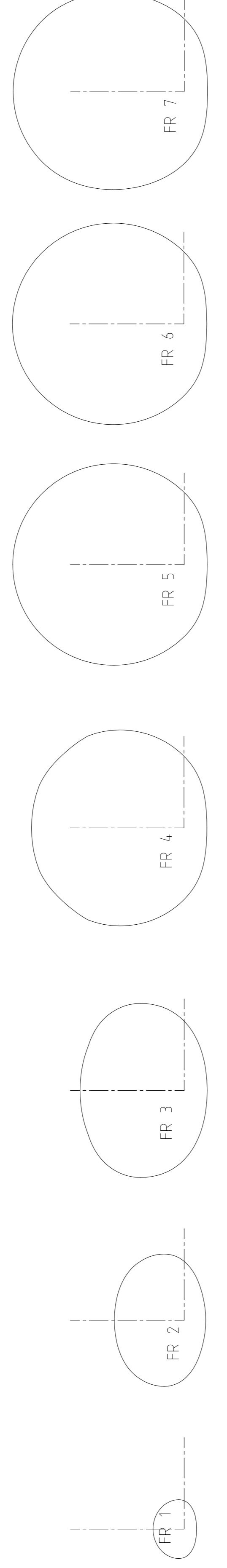
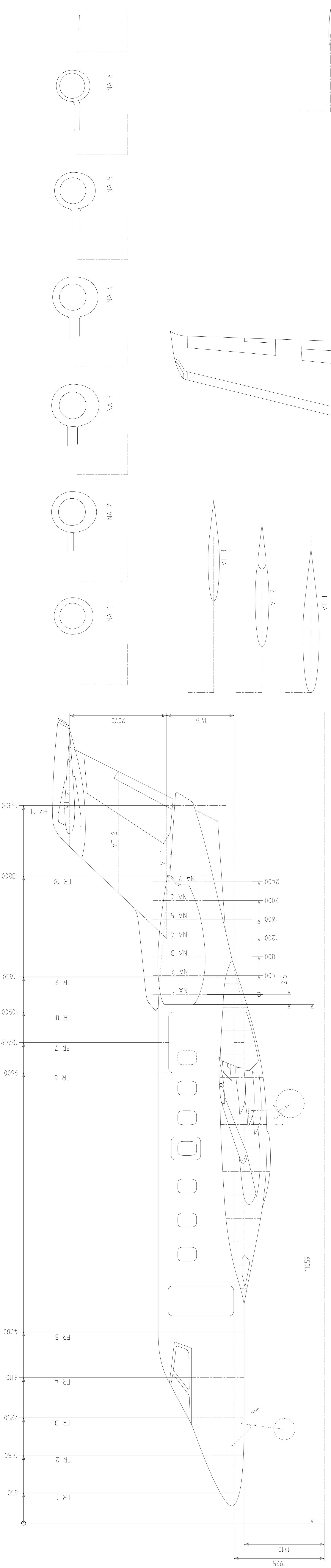
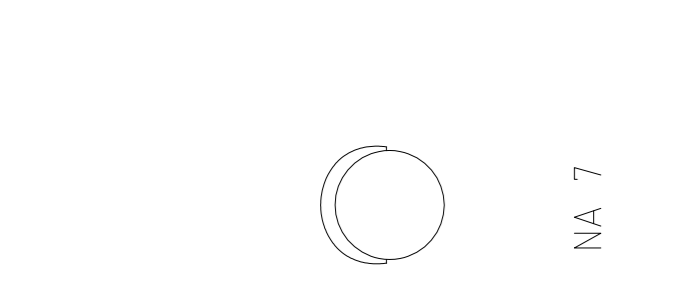
	Color Engine:	Spirit Light Gray, I2442
	Shadow:	-
	Color Wing:	Spirit Light Gray, I2442

Wing:

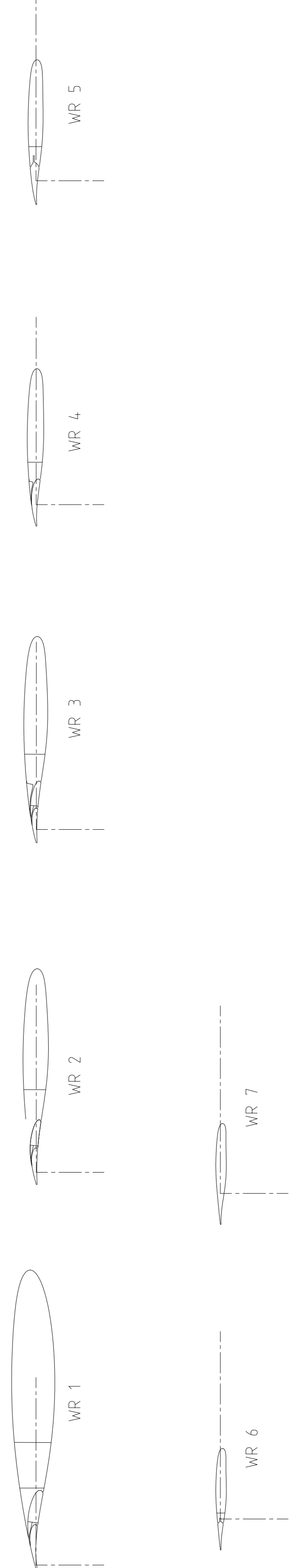
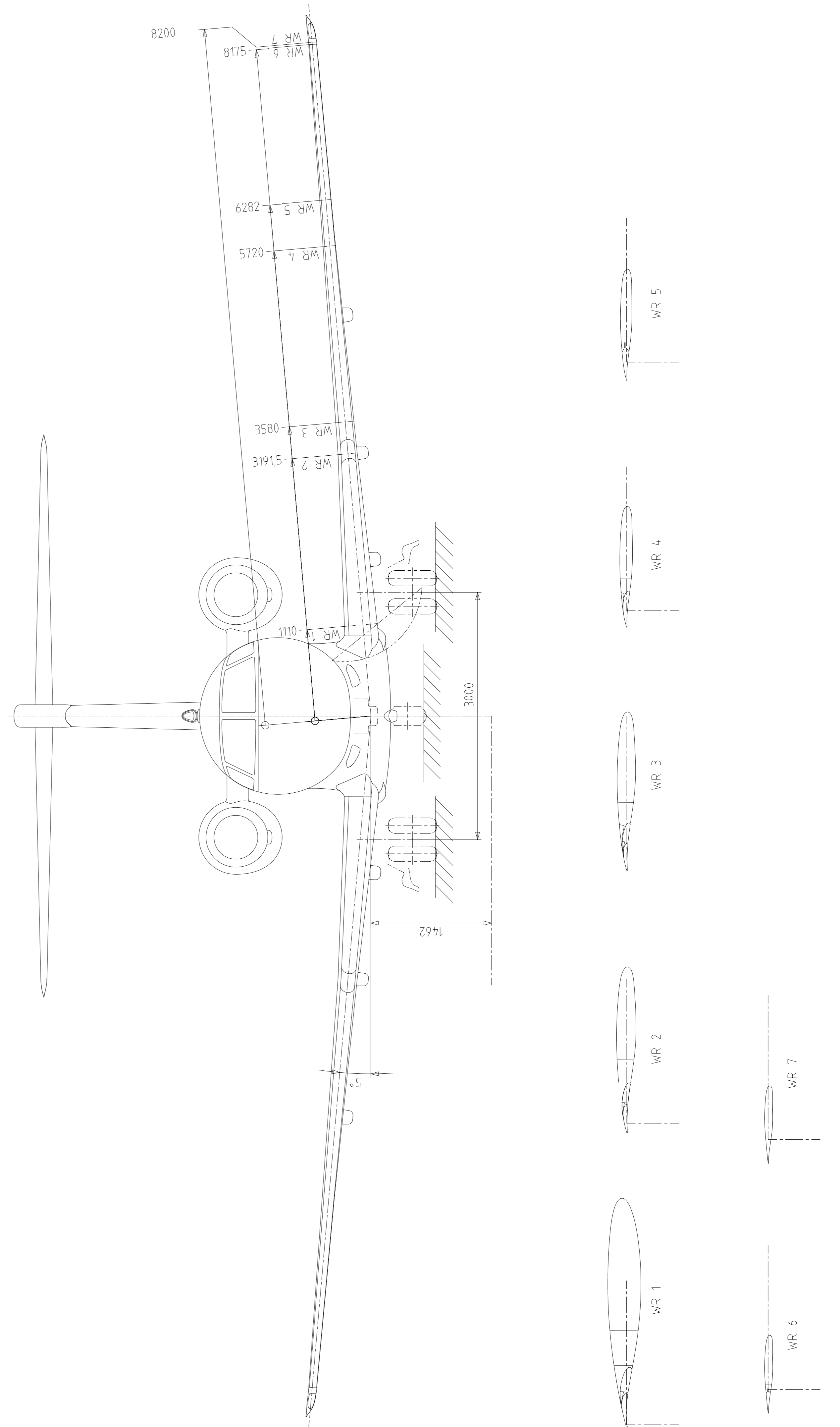
	Upper Wing:	Snow White, 702112
	Lower Wing:	Snow White, 702112
	Flap Fairings:	Snow White, 702112
	No Step Markings:	Kingston Gray, G15023
	Wheel Cover:	Capri Blue, I6509

Logo:

	Pilatus Logo Fuselage: <small>Below Cockpit Windows LH and RH</small>	Ultramarine Blue, RAL 5002
	Pilatus Logo Wing: <small>On lower side of RH Wing</small>	Spirit Light Gray, I2442
	PC-24 Crystal Logo: <small>Behind Cockpit Side Windows LH and RH</small>	Snow White, 702112
	PC-24 Logo Bottom: <small>On lower Center Fuselage</small>	Snow White, 702112

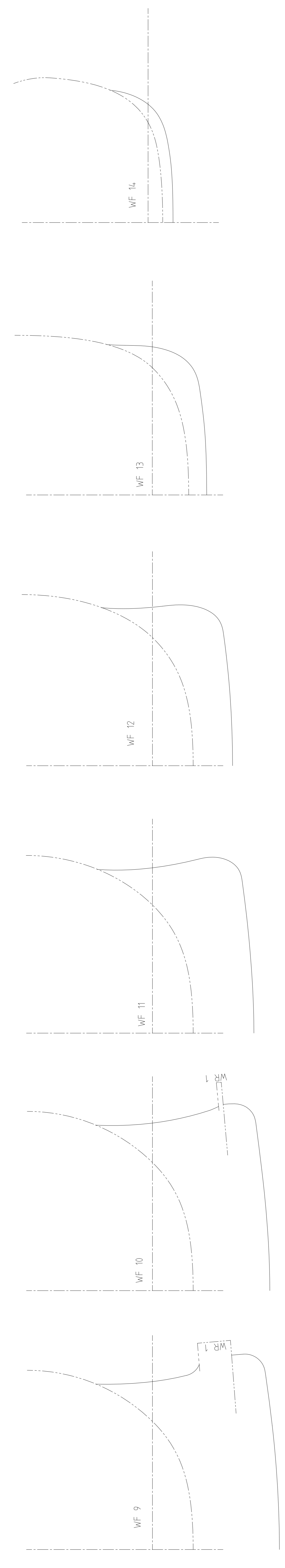
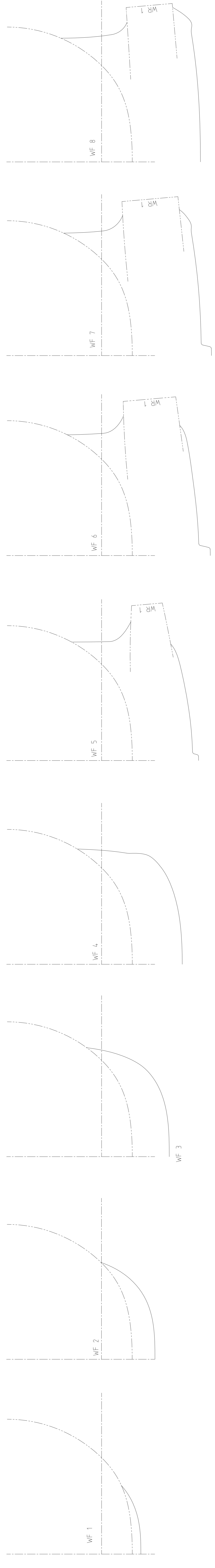
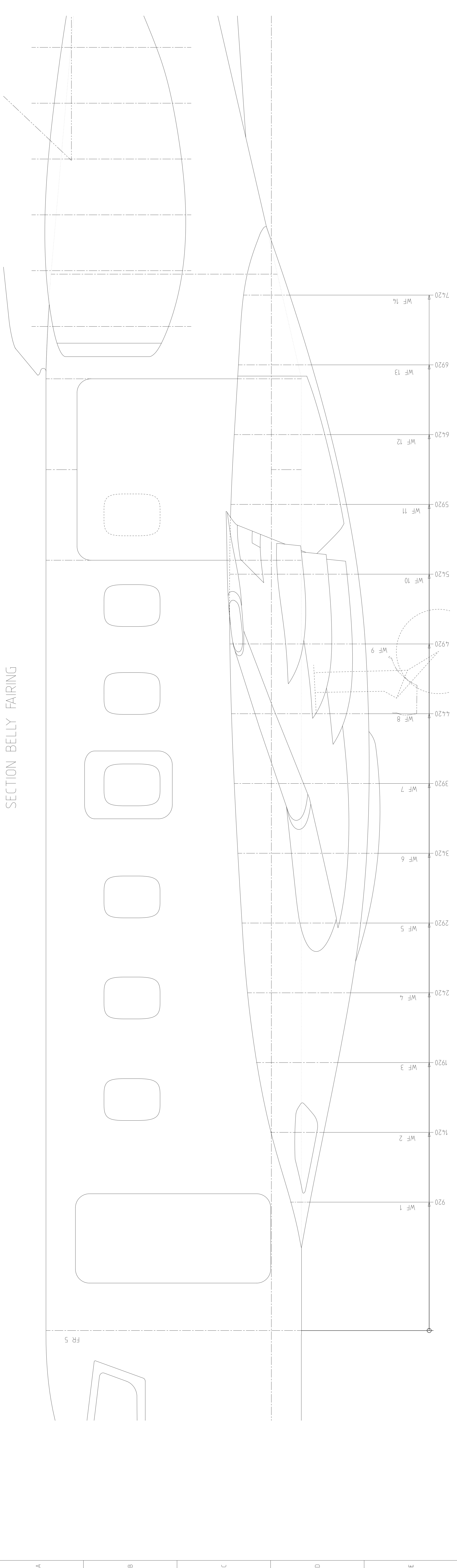


SPANNWEITE / WING SPAN = 17,0m
 LAENGE / LENGTH = 16,85m
 HOEHE / HEIGHT = 5,4m



Daten / Data	
Hersteller / Manufacturer	Ungekennzeichnet / Unmarked
Typ / Type	Ungekennzeichnet / Unmarked
Material / Material	Ungekennzeichnet / Unmarked
Maße / Dimensions	Spannweite / Wing span: 17,0m Länge / Length: 16,85m Höhe / Height: 5,4m
Hersteller / Manufacturer	Ungekennzeichnet / Unmarked
Typ / Type	Ungekennzeichnet / Unmarked
Material / Material	Ungekennzeichnet / Unmarked
Maße / Dimensions	Spannweite / Wing span: 17,0m Länge / Length: 16,85m Höhe / Height: 5,4m
PC-24, MODELL ZEICHNUNG	
PC-24, MODELL AIRCRAFT	
506 10 24-007	
* = Nur zur Information / For information only	

SECTION BELLY FAIRING



Title		Drawing No.		Drawing Date		Drawing Scale		Drawing Status		Drawing Author		Drawing Checker		Drawing Date	
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WF 1-14		506.10.24.007		09-Jul-2018		1:2		Unclassified		Weber Rene		Weber Rene		25-Jul-2018	
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Algorithmen für die Berechnung des Bogenmaßes / General formulas for calculating arc length	
R (mm)	≤ 100 > 100 ≤ 300 > 300 ≤ 1000 > 1000 ≤ 2000 > 2000 ≤ 5000 > 5000
α (°)	≤ 15 > 15 ≤ 30 > 30 ≤ 60 > 60 ≤ 120 > 120 ≤ 180 > 180 ≤ 360 > 360
s (mm)	≤ 100 > 100 ≤ 300 > 300 ≤ 1000 > 1000 ≤ 2000 > 2000 ≤ 5000 > 5000
h (mm)	≤ 100 > 100 ≤ 300 > 300 ≤ 1000 > 1000 ≤ 2000 > 2000 ≤ 5000 > 5000
r (mm)	≤ 100 > 100 ≤ 300 > 300 ≤ 1000 > 1000 ≤ 2000 > 2000 ≤ 5000 > 5000
t (mm)	≤ 100 > 100 ≤ 300 > 300 ≤ 1000 > 1000 ≤ 2000 > 2000 ≤ 5000 > 5000
l (mm)	≤ 100 > 100 ≤ 300 > 300 ≤ 1000 > 1000 ≤ 2000 > 2000 ≤ 5000 > 5000
g (mm)	≤ 100 > 100 ≤ 300 > 300 ≤ 1000 > 1000 ≤ 2000 > 2000 ≤ 5000 > 5000

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Founded in 1939, Pilatus Aircraft Ltd is the only Swiss company to develop, produce and sell aircraft to customers around the world: from the legendary Pilatus Porter PC-6 to the best-selling single-engine turboprop in its class, the PC-12, and the PC-21, the training system of the future. The latest development is the PC-24 – the world's first ever business jet for use on short unprepared runways. Domiciled in Stans, the company is certified to ISO 14001 in recognition of its efforts for the environment. The Pilatus Group includes two independent subsidiaries in Broomfield (Colorado, USA) and Adelaide (Australia). With over 2,000 employees at its headquarters, Pilatus is one of the largest employers in Central Switzerland. Pilatus provides training for about 120 apprentices in 13 different professions – job training for young people has always been a very high priority at Pilatus.

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