

WING	
Parameter	Value
Root chord	7.63 [m]
Tip chord	2.29 [m]
Sweep(LE)	30.79 [deg]
Wingspan	53.57 [m]
x/c (max t/c)	0.32 [-]
Surface Area	265.209 [m^2]

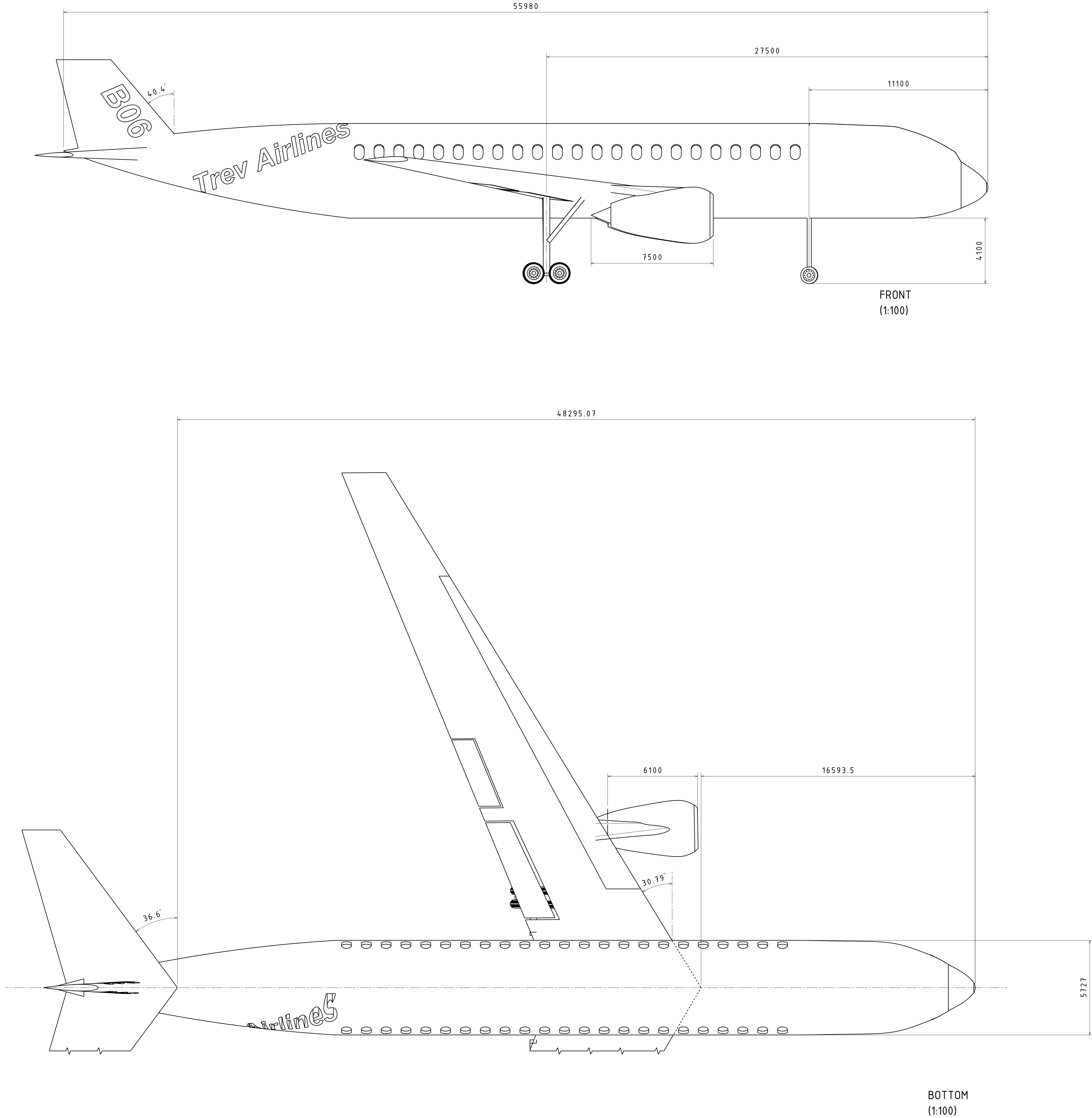
Landing gear	
Parameter	Value
Scrape angle	12.5 [deg]
Tire pressure	7353.4 [Pa]

Horizontal tail	
Parameter	Value
MAC	3.82 [m]
Root chord	5.255 [m]
Surface Area	53.729 [m^2]
Span	15.15 [m]
Taper ratio	0.35 [-]
Sweep angle(max)	36.57 [deg]

HLD	
Parameter	Value
Deflection angle double slot flap [deg]	40 [deg]
Deflection angle single slot flap [deg]	40 [deg]
Double Slot Flap spanwise position	3<x<8.6 [m]
Single Slot Flap spanwise position	9<x<12.5 [m]
Slat spanwise position	4<x<23.1 [m]

Vertical tail	
Parameter	Value
MAC	5.16 [m]
Root chord	6.634 [m]
Surface Area	43.32 [m^2]
Span	8.707 [m]
Taper ratio	0.5 [-]
Sweep angle(max)	46.174 [deg]

Engines	
Parameter	Value
Bypass ratio	10 [-]
Engine length	10 [m]
Inlet diameter	3.4 [m]
Nacelle diameter	4.17 [m]
Nacelle length	7 [m]
Engine mass	9630 [kg]



		Description		Trev Airlines T006	
DRAWN BY	DATE	SIZE	Title	REV	
Tin Talan	11/12/2024	A0	B06- Aircraft assembly	X	
CHECKED BY	DATE	SCALE	1:100	WEIGHT(kg)	183835(MTO)
Super Mario	11/12/2024				
DESIGNED BY	DATE			SHEET	1/1
Group B06	11/12/2024				