



SAAB

SAAB 340Bplus

WITH EXTENDED WINGTIPS



LEADING PARTICULARS

Maximum take-off weight	29000 lb	13155 kg
Maximum landing weight	28500 lb	12925 kg
Maximum zero fuel weight	26500 lb	12020 kg
Operational empty weight (average)	19000 lb	8620 kg
Maximum payload	7500 lb	3400 kg
Maximum fuel capacity	5690 lb	2580 kg
Maximum cruise speed	283 kt	
Maximum operating altitude	25000 ft	7620 m

AIRFIELD PERFORMANCE

SL, optimal flaps		ISA	ISA +10°C	ISA +20°C
Maximum take-off weight	lb	29000	29000	29000
	kg	13155	13155	13155
Take-off distance required	ft	3685	3850	4015
	m	1125	1175	1225
5000 ft MSL, optimal flaps		ISA	ISA +10°C	ISA +20°C
Maximum take-off weight	lb	29000	29000	29000
	kg	13155	13155	13155
Take-off distance required	ft	4580	5595	6365
	m	1395	1705	1940

SECTOR PERFORMANCE

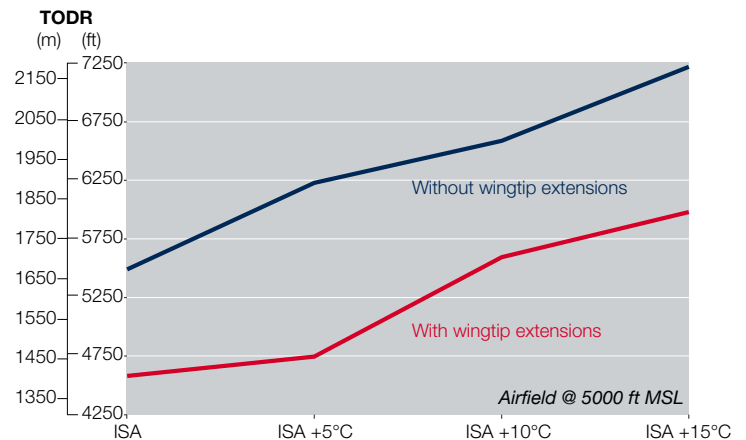
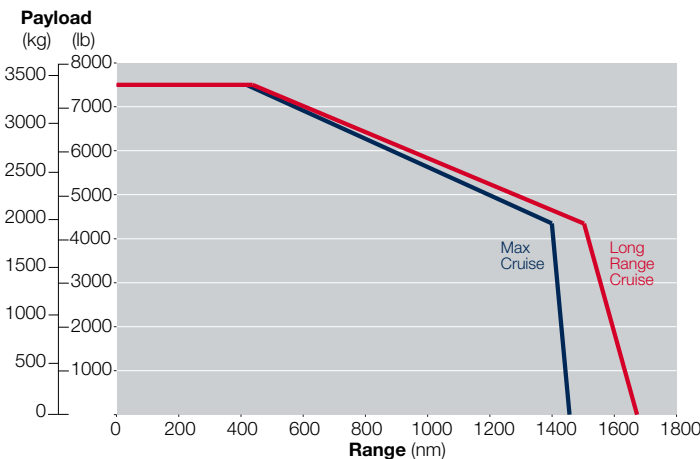
SL, ISA, optimal flaps, max cruise		100 nm	200 nm	300 nm	400 nm	500 nm
Take-off weight	lb	28095	28450	28750	29000	29000
	kg	12745	12905	13040	13155	13155
Block fuel	lb	585	940	1240	1530	1845
	kg	265	425	560	695	835
Block time (5 min ground time)	min	34	56	80	104	126
Passengers with baggage (220 lb/100 kg)		34	34	34	33	32
5000 ft MSL, ISA +20°C, optimal flaps, max cruise		100 nm	200 nm	300 nm	400 nm	500 nm
Take-off weight	lb	28030	28380	28670	28960	29000
	kg	12715	12870	13005	13135	13155
Block fuel	lb	565	910	1200	1490	1805
	kg	255	415	545	675	820
Block time (5 min ground time)	min	33	55	79	103	125
Passengers with baggage (220 lb/100 kg)		34	34	34	34	32

PAYLOAD RANGE

	Max cruise	Long range cruise
34 passengers with baggage (220 lb/100 kg)	395 nm	410 nm
Maximum payload	385 nm	405 nm

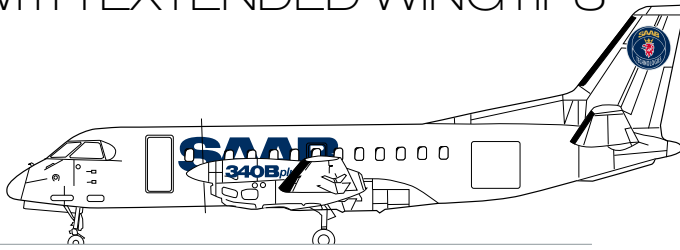
CERTIFIED NOISE LEVELS

	EPNdB	Dowty Rotol	Hamilton Sundstrand
Fly-over	EPNdB	77.9	77.2
Sideline	EPNdB	86.1	86.4
Approach	EPNdB	92.3	90.9



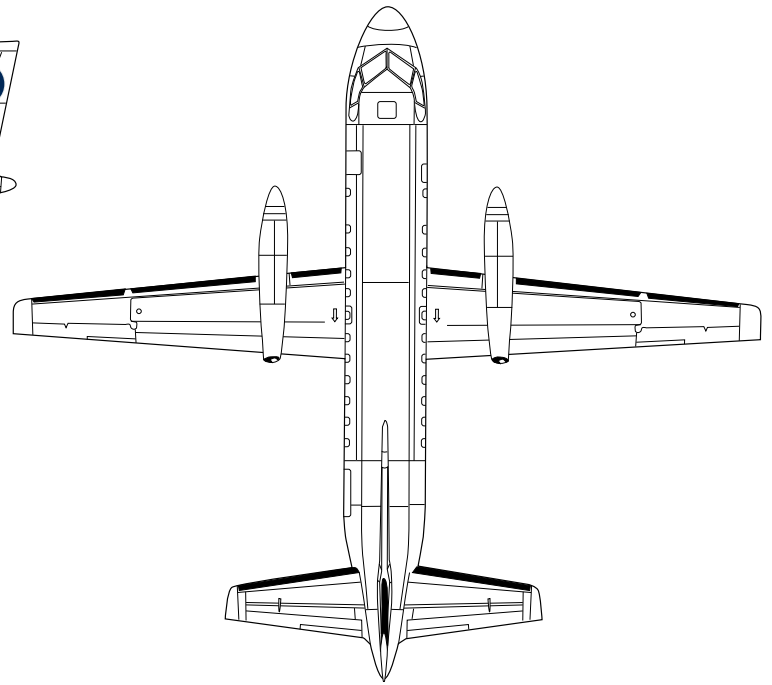
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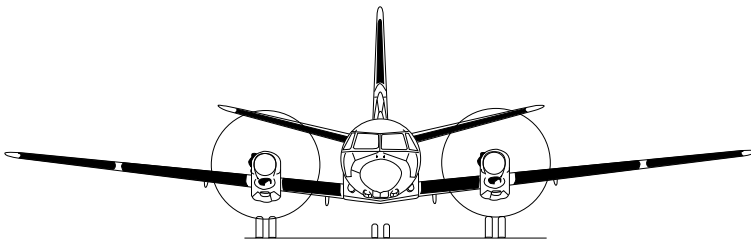


LEADING PARTICULARS

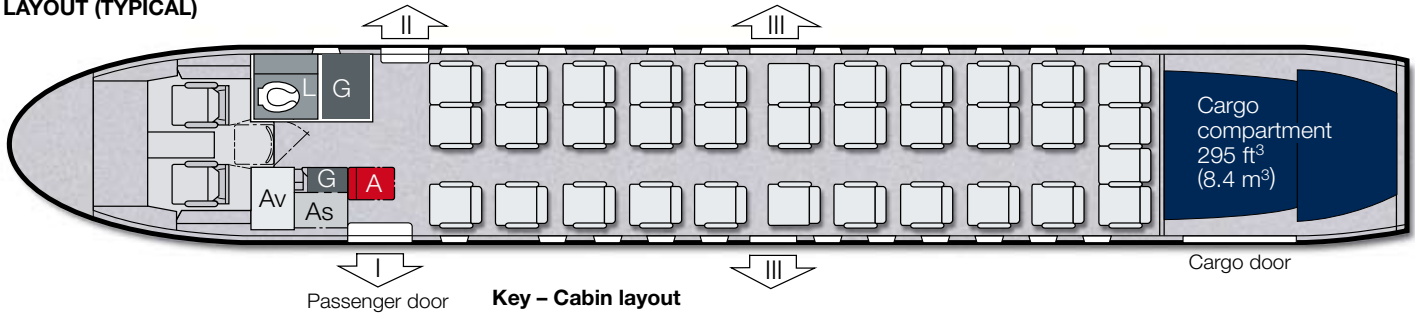
Length	64 ft 9 in	19.73 m
Height	22 ft 11 in	6.97 m
Wing span	74 ft 8 in	22.75 m
Propeller ground clearance	1 ft 8 in	0.51 m
Cargo door (H x W)	51 in x 53 in	1.30 m x 1.35 m
Sill height, passenger door	5 ft 4 in	1.64 m
Sill height, cargo door	5 ft 6 in	1.68 m
Production serial nos.	available for 361 – 459	



ENGINE	(2) GE CT7-9B
Maximum take-off power (ISA, APR)	1870 shp
Propeller	Dowty Roto/ Hamilton Sundstrand



LAYOUT (TYPICAL)

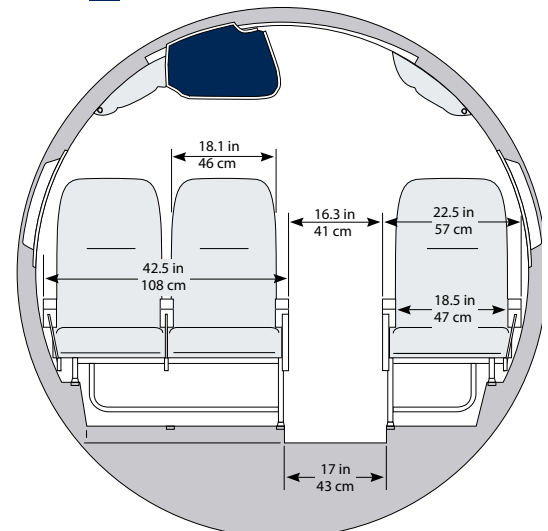


Passenger door

Key - Cabin layout

As Airstair (stowed)	A Flight attendant's seat	L Lavatory	Exit Door
Av Avionics	G Galley	W Wardrobe	

CAPACITY	34 seats at 30 inch pitch	
Cabin length	34 ft 1 in	10.4 m
Cabin width	7 ft 1 in	2.2 m
Headroom	6 ft 0 in	1.8 m
Aisle width	16.3 in	0.4 m
Max cabin pressure differential	7.0 psi	49.2 kPa
Cabin volume	1180 ft ³	33.4 m ³
BAGGAGE VOLUME		
Overhead bin	35.3 ft ³	1.01 m ³
Underseat	42.3 ft ³	1.20 m ³
Rear cargo	295 ft ³	8.35 m ³
Baggage volume/pax	11.0 ft ³	.32 m ³



Gen III