



SAAB

SAAB 2000



LEADING PARTICULARS

Maximum take-off weight	50700 lb	23000 kg
Maximum landing weight	48500 lb	22000 kg
Maximum zero fuel weight	44090 lb	20000 kg
Operational empty weight (average)	31970 lb	14500 kg
Maximum payload	12120 lb	5500 kg
Maximum fuel capacity	9370 lb	4250 kg
Maximum cruise speed	370 kt	
Maximum operating altitude	31000 ft	9450 m

AIRFIELD PERFORMANCE

SL, optimal flaps		ISA	ISA +10°C	ISA +20°C
Maximum take-off weight	lb	50700	50700	50700
	kg	23000	23000	23000
Take-off distance required	ft	4005	4215	4440
	m	1220	1285	1355
5000 ft MSL, optimal flaps		ISA	ISA +10°C	ISA +20°C
Maximum take-off weight	lb	50700	50700	50700
	kg	23000	23000	23000
Take-off distance required	ft	5005	5250	5595
	m	1525	1600	1705

SECTOR PERFORMANCE

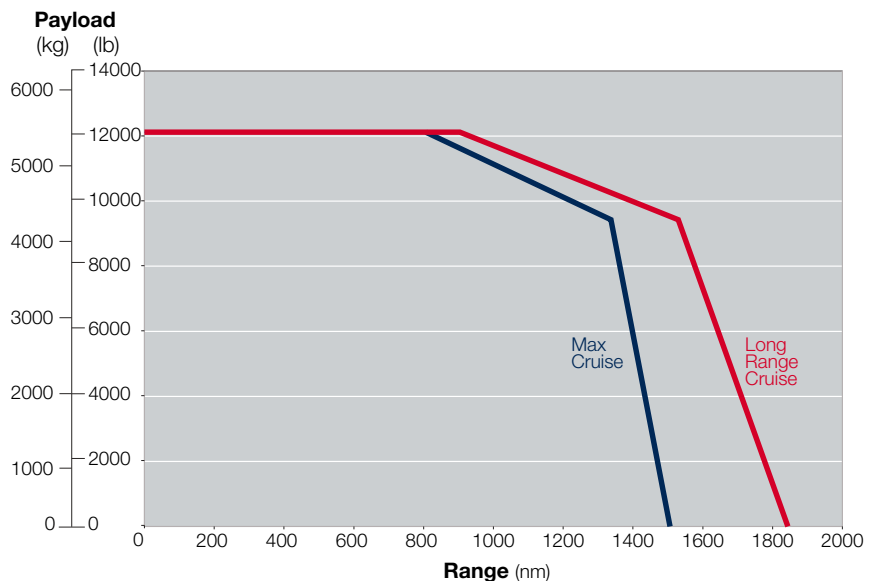
SL, ISA, optimal flaps, max cruise		100 nm	200 nm	300 nm	400 nm	500 nm
Take-off weight	lb	46925	47520	48605	48525	49055
	kg	21285	21555	21800	22010	22250
Block fuel	lb	1010	1605	2150	2610	3140
	kg	460	730	975	1185	1425
Block time (5 min ground time)	min	31	48	65	83	99
Passengers with baggage (220 lb/100 kg each)		50	50	50	50	50
5000 ft MSL, ISA +20°C, optimal flaps, max cruise		100 nm	200 nm	300 nm	400 nm	500 nm
Take-off weight	lb	46825	47395	47930	48375	48910
	kg	21240	21500	21740	21945	22185
Block fuel	lb	980	1555	2090	2535	3065
	kg	445	705	950	1150	1390
Block time (5 min ground time)	min	29	46	63	81	98
Passengers with baggage (220 lb/100 kg each)		50	50	50	50	50

PAYLOAD RANGE

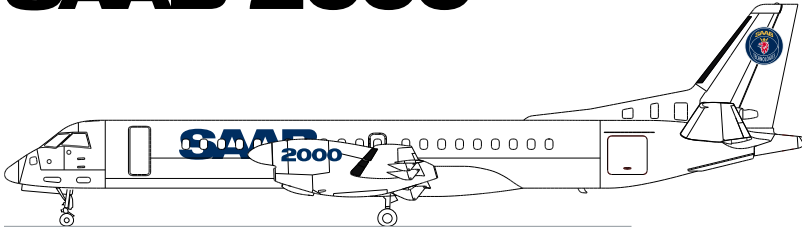
	Max cruise	Long range cruise
50 passengers with baggage (220 lb/100 kg each)	1025 nm	1160 nm
Maximum payload	805 nm	905 nm

CERTIFIED NOISE LEVELS

	EPNdB	
Fly-over	EPNdB	78.8
Sideline	EPNdB	87.4
Approach	EPNdB	87.9

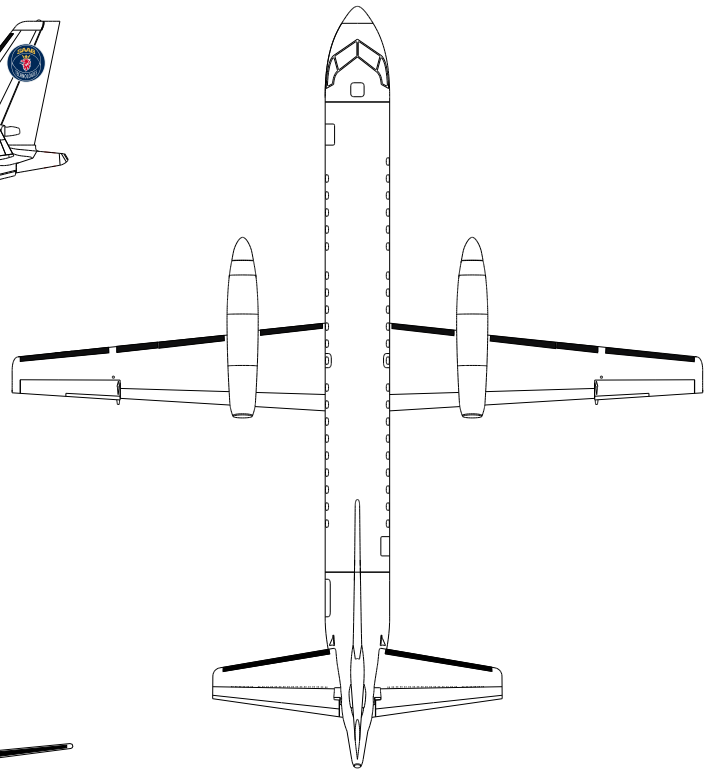


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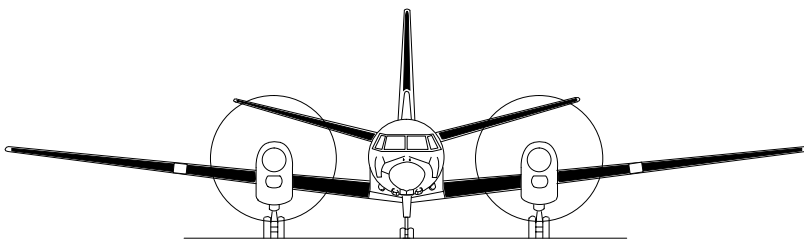


LEADING PARTICULARS

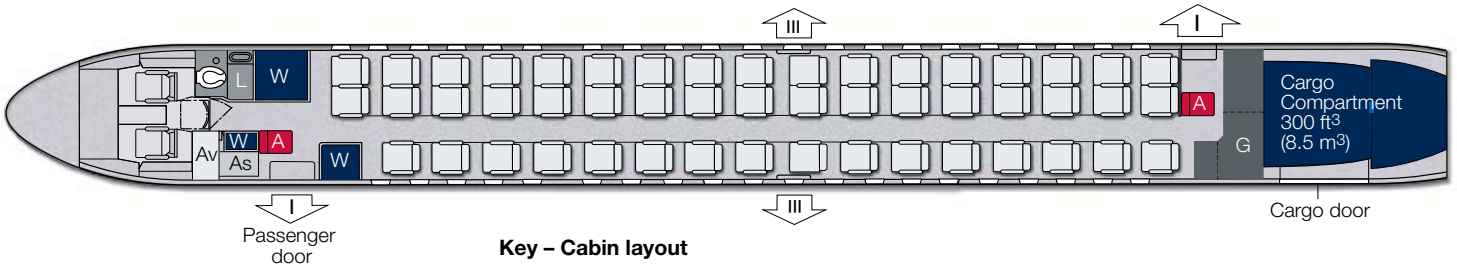
Length	89 ft 6 in	27.28 m
Height	25 ft 4 in	7.73 m
Wing span	81 ft 3 in	24.76 m
Propeller ground clearance	1 ft 6 in	0.46 m
Cargo door (H x W)	51 in x 53 in	1.30 m x 1.35 m
Sill height, passenger door	5 ft 11 in	1.80 m
Sill height, cargo door	7 ft 7 in	2.31 m



ENGINE	(2) Allison AE2100A
Maximum take-off power (ISA, APR)	4152 shp
Propeller	Dowty Rotol
APU	Sundstrand



LAYOUT (TYPICAL)



Key – Cabin layout

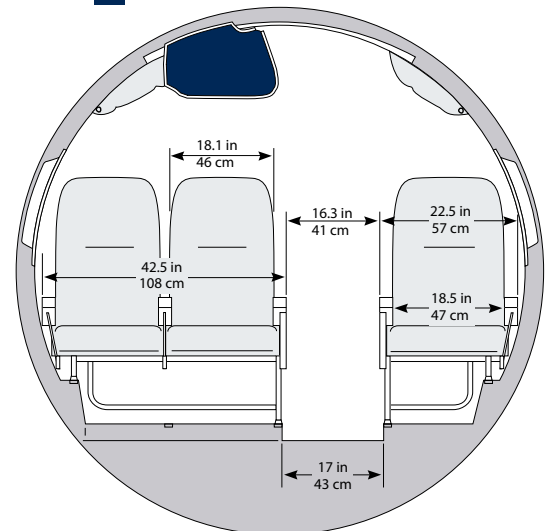
As Airstair (stowed)	A Flight attendant's seat	L Lavatory	Exit Door
Av Avionics	G Galley	W Wardrobe	

CAPACITY

	50 seats at 32 inch pitch	
Cabin length	54 ft 9 in	16.7 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	1860 ft ³	52.7 m ³
Active noise control	standard	

BAGGAGE VOLUME

Overhead bin	52.7 ft ³	1.47 m ³
Underseat	61.9 ft ³	1.75 m ³
Rear cargo	300 ft ³	8.50 m ³
Baggage volume/pax	8.3 ft ³	0.23 m ³



Gen III