



**SAAB**

**SAAB 340A**



**LEADING PARTICULARS**

Maximum take-off weight	28500 lb	12925 kg
Maximum landing weight	27200 lb	12340 kg
Maximum zero fuel weight	25700 lb	11660 kg
Operational empty weight (average)	18800 lb	8530 kg
Maximum payload	6900 lb	3130 kg
Maximum fuel capacity	5690 lb	2580 kg
Maximum cruise speed	271 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	28500	28500	28500
	kg	12925	12925	12925
Take-off distance required	ft	4315	4560	5375
	m	1315	1390	1635
5000 ft MSL, optimal flaps		ISA	ISA +10°C	ISA +20°C
Maximum take-off weight	lb	28500	28500	26705
	kg	12925	12925	12115
Take-off distance required	ft	6965	7780	6595
	m	2120	2370	2010

**SECTOR PERFORMANCE**

SL, ISA, optimal flaps, max cruise		100 nm	200 nm	300 nm	400 nm	500 nm
Take-off weight	lb	27215	27615	27985	28305	28500
	kg	12345	12525	12695	12840	12925
Block fuel	lb	605	990	1340	1645	1945
	kg	275	450	610	745	880
Block time (5 min ground time)	min	35	59	81	106	132
Passengers with baggage (214 lb/97 kg each)		32	32	32	32	31
5000 ft MSL, ISA +20°C, optimal flaps, max cruise		100 nm	200 nm	300 nm	400 nm	500 nm
Take-off weight	lb	26705	26705	26705	26705	26705
	kg	12115	12115	12115	12115	12115
Block fuel	lb	585	955	1295	1580	1860
	kg	265	435	585	715	845
Block time (5 min ground time)	min	34	58	79	103	128
Passengers with baggage (214 lb/97 kg each)		30	28	26	25	24

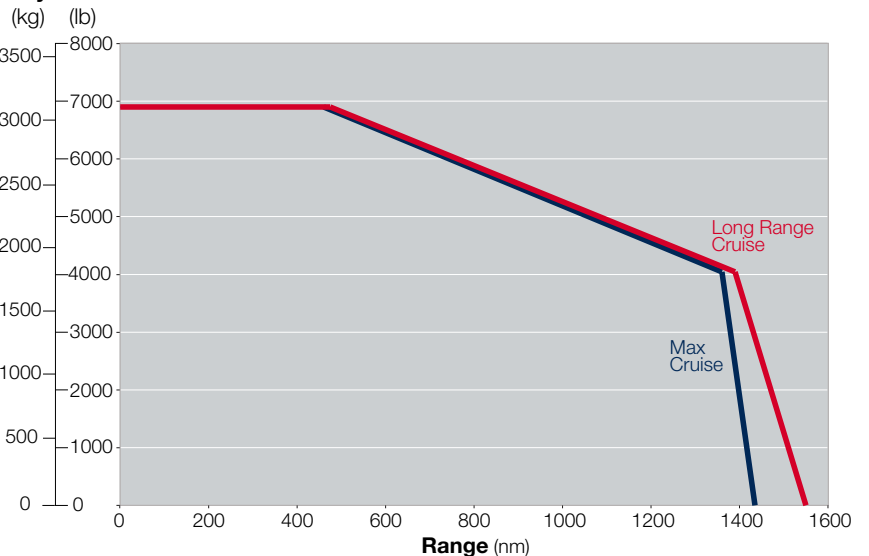
**PAYLOAD RANGE**

	Max cruise	Long range cruise
32 passengers with baggage (214 lb/97 kg each)	475 nm	490 nm
Maximum payload	460 nm	475 nm

**CERTIFIED NOISE LEVELS**

	EPNdB	
Fly-over	EPNdB	78.5
Sideline	EPNdB	85.9
Approach	EPNdB	91.7

**Payload**

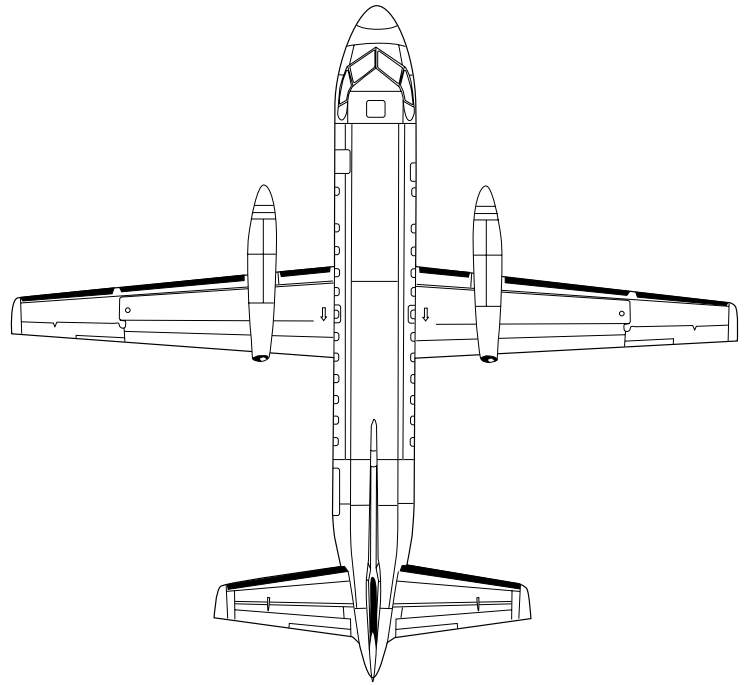


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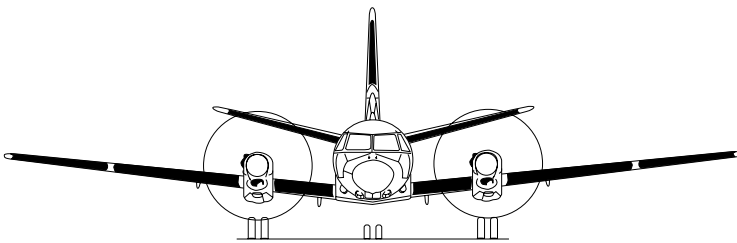
## LEADING PARTICULARS

Length	64 ft 9 in	19.73 m
Height	22 ft 11 in	6.97 m
Wing span	70 ft 4 in	21.44 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 no.	004 – 159	

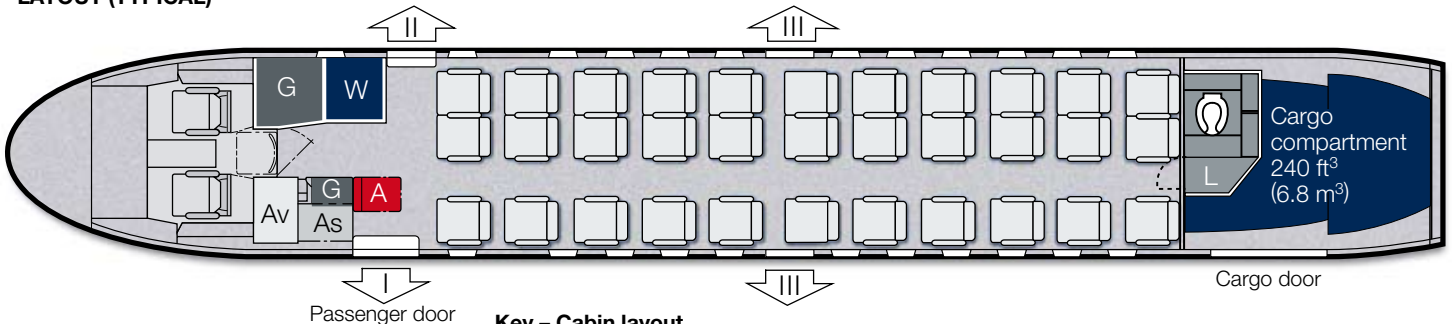


## ENGINE

	(2) GE CT7-5A2
Maximum take-off power (ISA)	1735 shp
Propeller	Dowty Rotol



## LAYOUT (TYPICAL)



Passenger door

Cargo door

### Key – Cabin layout

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

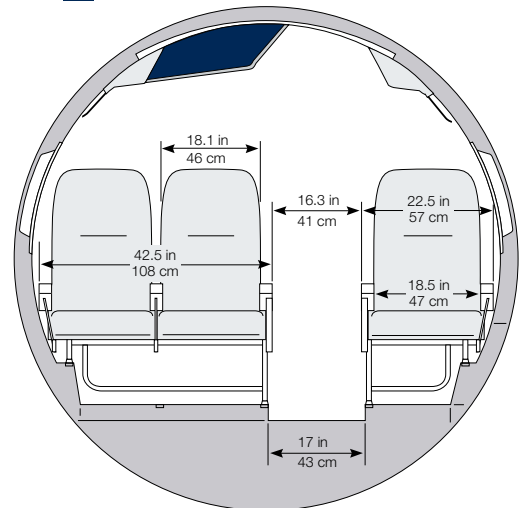
## CAPACITY – aft lav/fwd lav

33/34 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 ft³	33.4 m³

## BAGGAGE VOLUME

Overhead bin	26.0 ft³	0.74 m³
Underseat – aft lav/fwd lav	40.8/42.3 ft³	1.16/1.20 m³
Rear cargo – aft lav/fwd lav	240/295 ft³	6.80/8.35 m³
Baggage volume/pax – aft lav/fwd lav	9.3/10.7 ft³	0.26/0.32 m³



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