



**SAAB**

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# GRIPEN E IN BRIEF

## THE SMART FIGHTER

Power, efficiency, flexibility: only one modern fighter holds them all in perfect balance. Fuelled by Saab's *thinking edge* at every stage of its development, Gripen is more than a fighter: it's a national asset that protects sovereign independence and empowers a nation towards a more secure future. That's why we call it: The Smart Fighter.

### KEY DATA

Length overall	15.2 m
Width overall	8.6 m
Basic mass empty	8000 kg
Internal fuel	3400 kg
Max takeoff weight	16500 kg
Max thrust	98 kN
Min takeoff distance	500 m
Landing distance	600 m
Max speed at sea level	> 1400 km/h
Max speed at high altitude	Mach 2
Supercruise capability:	Yes
Max service altitude	> 52.500 ft
G-limits	-3G / +9G
Hardpoints	10
Combat turnaround air-to-air	10 min
Full engine replacement	1 hour



Gripen is at the forefront of the global fighter market. Gripen has been chosen by air forces on four continents, with increasing interest in all regions – from the Americas to Asia.



## DOMINATE THE AIR DOMAIN

Meeting stringent requirements in terms of flight safety, availability, agility, training and life cycle cost, Gripen represents the ultimate in operational efficiency.

In short, Gripen is a supportable front line fighter capable of fulfilling a range of roles, either alone or as part of a wider defence network.

State-of-the-art technology, modern materials, integrated computer systems and advanced aerodynamics have produced a high performance fighter with predictable life cycle costs.



- |    |   |    |                      |    |                          |
|----|---|----|----------------------|----|--------------------------|
| 1  | Nose pitot tube   | 13 | Navigation light     | 25 | Structure                |
| 2  | Radome  | 14 | 27 mm Mauser gun     | 26 | Wing-tip station         |
| 3  | Selex ES Actively Electronically Scanned Array (AESA) radar | 15 | Canard               | 27 | Outboard elevon          |
| 4  | Infrared Search and Track (IRST)                            | 16 | VHF antenna          | 28 | Inboard elevon           |
| 5  | Wide Area Display (WAD)                                     | 17 | Integrated fuel tank | 29 | APU                      |
| 6  | Head-Up Display (HUD)                                       | 18 | Fuselage pylons      | 30 | Air brake                |
| 7  | Cockpit canopy  | 19 | Fuselage pylons      | 31 | GE Aviation F414G engine |
| 8  | Ejection seat   | 20 | Fuselage pylons      | 32 | Rudder                   |
| 9  | Fuselage pylon  | 21 | Main landing gear    | 33 | VHF/UHF antenna          |
| 10 | Retractable air-to-air refuelling probe                     | 22 | Under-wing pylons    | 34 | Fin pod                  |
| 11 | Nose landing gear   | 23 | Under-wing pylons    | 35 | ILS antenna              |
| 12 | Air inlet   | 24 | Leading edge flap    | 36 | Fin pitot tube           |