

# Gripen C-series Packing Iron.

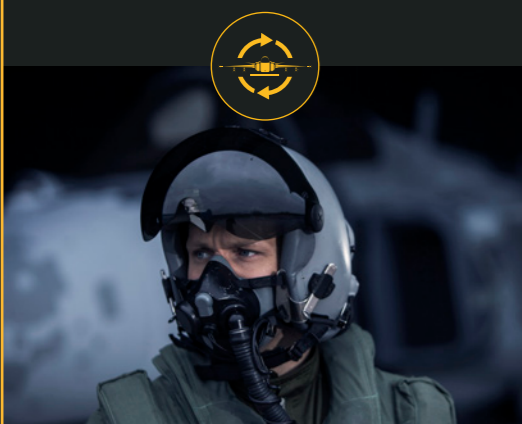


NATO-proven, fully networked and with the latest sensors and weapons to guarantee air superiority Gripen C-series is the most reliable multi-role combat aircraft operating in the world today.

[Learn more at \[saab.com/gripen-C\]\(https://saab.com/gripen-C\)](https://saab.com/gripen-C)



# SAAB



### Always Combat Ready

Refuel and re-arm takes less than 10 minutes for air-to-air missions and less than 20 minutes for air-to-ground missions. Gripen requires minimal personnel and ground support equipment for dispersed operations and can operate from a runway no wider than a small, unprepared road, making it more combat ready than any other fighter on the market.



### Protecting sovereign skies

Nations across four continents rely on Gripen to protect their sovereign airspace. After decades of service and numerous NATO-led assignments, Gripen is ready to participate in any joint mission anywhere in the world.



### The power of Availability

Gripen was created to be airborne: It has a proven high level of availability resulting from consistently low failure rates, ease of operation, maintenance and repair. Gripen is by design the most available fighter aircraft in the world.

1. GRIPEN C COCKPIT
2. PITOT TUBE
3. VORTEX GENERATING STRAKES
4. GLASS-FIBER RADDOME
5. AUTOMATIC DIRECTION FINDER (ADF) ANTENNA
6. ERICSSON PS-05 MULTI-MODE RADAR
7. COCKPIT FRONT PRESSURE BULKHEAD
8. YAW VANE (UNDER FORWARD FUSELAGE AND OUT OF VIEW)
9. LOWER ULTRA HIGH FREQUENCY (UHF) ANTENNA (UNDER FORWARD FUSELAGE AND OUT OF VIEW)
10. INCIDENCE VANE
11. FORMATION LIGHTING STRIP
12. RUDDER PEDALS
13. WINDSCREEN
14. WIDE ANGLE HEAD UP DISPLAY (HUD)
15. COCKPIT CANOPY, HINGED TO PORT
16. ANOPY BREAKER MINIATURE DETONATING CORD (MDC)
17. STARBOARD AIR INTAKE
18. MARTIN-BAKER MK10L ZERO-ZERO EJECTION SEAT
19. COCKPIT REAR PRESSURE BULKHEAD
20. ENGINE THROTTLE LEVER
21. PORT SIDE CONSOLE PANEL
22. COCKPIT SECTION COMPOSITE SKIN PANELLING
23. NOSE WHEEL DOOR WITH INTEGRAL TAXIING LIGHT
24. RETRACTION ACTUATOR
25. TWIN-WHEEL NOSE UNDERCARRIAGE
26. HYDRAULIC STEERING JACKS
27. 27MM CANNON
28. PORT AIR INTAKE
29. BOUNDARY LAYER SPLITTER PLATE

30. AIR CONDITIONING SYSTEM HEAT EXCHANGER INTAKE DUCT
31. AVIONICS EQUIPMENT COMPARTMENT, ACCESS VIA NOSE WHEEL BAY
32. RETRACTABLE, TELESCOPIC FLIGHT REFUELLING PROBE
33. COCKPIT REAR AVIONICS SHELF
34. STARBOARD CANARD FOREPLANE
35. GLOBAL POSITIONING SYSTEM (GPS) ANTENNA
36. FUSELAGE STRAKE, PORT AND STARBOARD
37. HEAT EXCHANGER AND EXHAUST DUCTS
38. ENVIRONMENTAL CONTROL SYSTEM EQUIPMENT FOR CABIN PRESSURISATION AND EQUIPMENT COOLING
39. SELF SEALING FUEL TANK BETWEEN INTAKE DUCTS
40. CANARD FOREPLANE HYDRAULIC ACTUATOR
41. REFUELLING PROBE HINGED DOOR
42. FOREPLANE HINGE MOUNTING TRUNION
43. PORT INTAKE DUCTING
44. TEMPERATURE PROBE
45. PORT NAVIGATION LIGHT
46. CANNON AMMUNITION DOOR

47. CIRCUIT BREAKER ACCESS PANEL
48. FORMATION LIGHTING STRIPS
49. PORT CANARD FOREPLANE CARBON-FIBRE COMPOSITE STRUCTURE
50. CENTRE-FUSELAGE ALUMINIUM ALLOY FRAME STRUCTURE
51. ALUMINIUM ALLOY SKIN PANELLING
52. DORSAL VERY HIGH FREQUENCY (VHF) ANTENNA
53. DATALINK / (TACAN TACTICAL AIR NAVIGATION) ANTENNA
54. DORSAL SPINE FAIRING
55. CENTRAL FUSELAGE INTEGRAL FUEL TANK
56. PORT HYDRAULIC RESERVOIR, DUAL SYSTEM
57. WING ATTACHMENT FUSELAGE MAIN FRAMES
58. ENGINE COMPRESSOR INTAKE
59. IDENTIFICATION FRIEND OR FOE (IFF) ANTENNA



60. WING ATTACHMENT CARBON-FIBRE COMPOSITE COVER PANEL
61. STARBOARD WING INTEGRAL FUEL TANK
62. FUEL SYSTEM PIPING
63. LEADING EDGE DOG-TOOTH
64. STARBOARD LEADING EDGE TWO-SEGMENT MANOEUVRING FLAP
65. WING TIP LAUNCHER AND RADAR WARNING RECEIVER (RWR) ANTENNAS
66. STARBOARD REAR POSITION LIGHT
67. STARBOARD OUTBOARD ELEVON
68. STARBOARD INBOARD ELEVON
69. OVERWING ELEVON ACTUATOR HOUSING
70. BLEED AIR SPILL DUCT
71. FORMATION LIGHTING STRIPS
72. AUTOMATIC FLIGHT CONTROL SYSTEM EQUIPMENT
73. FIN ROOT ATTACHMENT JOINTS
74. RUDDER HYDRAULIC ACTUATOR
75. CARBON-FIBRE SKIN PANELLING WITH HONEYCOMB SUBSTRATE

76. FLIGHT CONTROL SYSTEM DYNAMIC PRESSURE SENSOR
77. RADAR WARNING ANTENNA
78. FINCAP UHF/VHF ANTENNA
79. INTEGRATED LANDING SYSTEM (ILS) ANTENNA
80. STROBE LIGHT / ANTI COLLISION BEACON
81. CARBON-FIBRE COMPOSITE RUDDER
82. VARIABLE AREA AFTERBURNER NOZZLE
83. NOZZLE CONTROL ACTUATOR (3)
84. PORT AIRBRAKE PANEL, CLOSED
85. AIRBRAKE HYDRAULIC JACK
86. AFTERBURNER DUCTING
87. GE F404G AFTERBURNING TURBOFAN ENGINE
88. AUXILIARY POWER UNIT (APU)
89. VENTRAL AIRFRAME-MOUNTED ACCESSORY EQUIPMENT GEARBOX
90. TITANIUM WING ROOT ATTACHMENT FITTINGS
91. PORT WING INTEGRAL FUEL TANK
92. MULTI-SPAR WING PANEL PRIMARY STRUCTURE
93. INBOARD ELEVON HYDRAULIC ACTUATOR
94. PORT INBOARD ELEVON

95. ELEVON CARBON-FIBRE SKIN PANELLING WITH HONEY COMB SUBSTRATE
96. PORT OUTBOARD ELEVON
97. REAR QUADRANT RADAR WARNING ANTENNA
98. WING TIP MISSILE LAUNCH RAIL
99. PORT FORWARD QUADRANT RADAR WARNING ANTENNA
100. LEADING EDGE MANOEUVRING FLAP OUTBOARD SEGMENT
101. WING PANEL CARBON-FIBRE SKIN PANELLING
102. PORT WING OUTBOARD NATO STORE COMPATIBLE PYLON
103. STARBOARD WING OUTBOARD NATO STORE COMPATIBLE PYLON
104. PORT MAINWHEEL
105. LEADING EDGE MANOEUVRING FLAP, INBOARD SEGMENT
106. LEADING EDGE FLAP-POWERED HINGE ACTUATOR
107. LANDING LIGHT
108. MAIN UNDERCARRIAGE LEG STRUT
109. HYDRAULIC RETRACTION JACK
110. LEADING EDGE OPERATING TORQUE SHAFT FROM CENTRAL DRIVE MOTOR
111. MAINWHEEL LEG DRAG/BREAKER STRUT
112. FIXED INBOARD LEADING EDGE SEGMENT
113. MAINWHEEL DOOR, CLOSED AFTER CYCLING OF UNDERCARRIAGE
114. PORT WING INBOARD "WET" NATO STORE COMPATIBLE PYLON
115. STARBOARD WING INBOARD "WET" NATO STORE COMPATIBLE PYLON

S. Nilsson  
ORIGINAL ARTIST

Per Gustavsson  
COMPUTER ARTIST



### Information superiority

Gripen C-series is a master of situational awareness. Link16 / tactical datalink, shared sensor-fused data, embedded decision support and the optimized cockpit Human Machine Interface (HMI) ensures information superiority, putting the pilot one step ahead of the enemy and in control of the battlespace.



### Multi-role fighter

Gripen performs tasks in all three combat roles: air-to-air, air-to-surface and reconnaissance. The pilot can change role while airborne, or operate in multiple roles simultaneously. As sensor systems and weapons evolve, Gripen's multi-role capabilities grow.



### Future-proven

Continuously developed and enhanced in close co-operation with customers and with the most flexible weapon system of all fighters, results in maximum operational effectiveness and predictable.

# Choose your weapon



As a true multi-role fighter, a basic requirement for Gripen is the capability to carry a wide variety of external stores without any changes to the aircraft hardware or software. Gripen is able to carry a wide range of stores with each station having NATO interoperable mechanical and electrical interfaces.

Advanced weapons integrated on Gripen interface with the system via MIL-STD-1553B data bus connections and MIL-STD-1760 type interfaces at each pylon. This eliminates requirements for special interfaces for each weapon

type, simplifies fighter turnaround and the integration of new weapons. The standard interface, the flexible avionics system and the excellent flight characteristics, with various kinds of external stores, make integration of new weapons and other stores comparatively easy at an affordable cost.

This ensures that Gripen maintains its combat effectiveness throughout its long service life as the design enables the next generation of improved weapons to be easily integrated.



# Multi-role Capability.

Multiple Gripen C-series Air-to-Air and Air-to-Surface store combinations, together with optional targeting and Reconnaissance pods, give a highly flexible multi-role capability for combined air defence and offensive operations during a single mission.



Pylon Station	1	2	3	4	5	G	3	2	1
Carriage mass (kg)	110	600	-	250	1100	-	1300	-	-
Air-to-Air IR Missiles	✘	✘	✘				✘	✘	✘
Air-to-Air Radar Missiles		✘	✘				✘	✘	
Air-to-Surface Missiles		✘	✘				✘	✘	
Guided Bombs		✘	✘		✘		✘	✘	
Small Diameter Bombs		✘	✘				✘	✘	
Anti-Ship Missiles			✘				✘		
Unguided Bombs		✘	✘		✘		✘	✘	
Stand-off weapons			✘				✘		
Recce Pod				✘	✘				
FLIR/LDP Pod				✘	✘				
AACMI Pod	✘								✘
Fuel Drop Tank			✘		✘		✘		
27 mm Gun						G			

Disclaimer: The graphical representations herein are artistic impressions based on the latest available information within the Public Domain and should not be taken as establishing any commitments on the part of Saab AB.

The Gripen C-series multi-role fighter is NATO proven, fully networked and uses the latest sensors and weapons to guarantee air superiority. It is capable of performing an extensive range of air-to-air and air-to-surface operational missions and has been designed to meet the demands of current threats, uses a continuous development approach to ensure operational relevance while at the same time, meeting requirements for flight safety, reliability, training efficiency and low operating costs. Gripen C-series is in operational service with the Swedish, Czech Republic, Hungarian, South African and Thai Air Forces and is also used by the UK Empire Test Pilots' School (ETPS) as its advanced fast jet platform for test pilots worldwide.

Learn more at [saab.com/gripen-c](https://saab.com/gripen-c) or scan the QR code.



**SAAB**