

The Gripen Pilot

—Becoming one with the machine.



HELMET MOUNTED DISPLAY

The Integrated Helmet Mounted Display (HMD) provides the pilot with enhanced situational awareness, thereby increasing mission effectiveness.

With the HMD, the pilot receives maximum information with only a minimum effort. For instance, it displays real-time information on flight parameters, sensor data, target cueing and weapon status, and also features integrated chem/bio respirator and night vision camera options. Its integrated design provides optimum comfort and protection throughout the flight envelope.

The HMD technology is in use with the new generation fighters, like the Gripen.

FLIGHT SUIT

The Flight Suit is the pilot's overall during the summer. When in flight, the Flight Suit is always complemented by the Flight Jacket and the Anti-G Suit, as well as gloves.

IMMERSION SUIT

During most of the year, the Swedish pilots use an Immersion Suit instead of the Flight Suit. The Immersion Suit covers the pilot basically from tip to toe. The suit does, however, have a ventilating function. Like the Flight Suit, the Immersion Suit is always complemented by the Flight Jacket and the Anti-G Suit.

FLIGHT JACKET AND ANTI-G SUIT

The Flight Jacket and the Anti-G Suit are tailor-made for each individual pilot, and are vital for protection in the event of an ejection.

An important feature of the Flight Jacket is the Chest Bladder which automatically balances the pressure so that it never exceeds the specified level.

The Flight Jacket also functions as a life vest and features an emergency transmitter that is automatically activated at 12 G (or manually by the pilot). The signals will be picked up by teams in the surrounding area, so that the pilot can be rescued.

Attached to the Flight Jacket is a Survival Pack, placed in the pilot seat. The Survival Pack contains equipment that's vital to the pilot in the case of an emergency; for instance an inflatable life boat and clothes. In addition to this, the Anti-G Suit holds a medkit. The exact items included is subject to each nation's requirements.

GRIPEN

The Wings of Your Nation

www.gripen.com

The Gripen Cockpit

– Don't need, don't show.

The Cockpit is the first of its kind that does not use analogue back-up gauges. The result is more space for larger and clearer displays.

The wide field-of-view holographic combiner Head Up Display (HUD) is one of the largest in the world.

The human machine interface is the most mature and proven in the latest generation fighters.

The display area of the Gripen's color active matrix liquid crystal displays is three times the size of that of older generation fighters.

The Cockpit does not have any specialized engine instruments. Only the data required is presented to the pilot.

The Hands-On-Throttle-And-Stick (HOTAS) concept enables the pilot to operate the whole weapon system during combat. The pilot does not have to leave the controls in order to interact with the system.

The cockpit design uses different color symbology settings to suit the ambient light conditions.

The Gripen's onboard Auxiliary Power Unit (APU) enables it to stand in rapid reaction alert and be airborne within one minute after receiving the scramble order.

The Gripen is a true multi-role/swing-role fighter aircraft that is able to change roles in the air by the push of a button.

