



HQ AC Ramstein

Headquarters Allied Air Command Ramstein
Public Affairs Office



Fact Sheet

F-4F Phantom II

The F-4F Phantom II is based on the F-4E version in accordance with the requirements of the German Luftwaffe. The aircraft is mostly licence-built by German companies.

Modifications include:

- improved brake system,
- modified cockpit layout and
- simplified radar.

From 1986 on, the F-4F were adapted to new requirements under a weapon system improvement programme called "Improved Combat Efficiency", in short ICE. Improved air data computers and navigation systems were fitted into 40 fighter bomber aircraft. For the air defence role, another 110 Phantoms II also received new mission computers, the AN/APG-65 on-board radar known from the F-18 Hornet and a radar-guided AMRAAM air-to-air guided missile.

In March 1974, Fighter Wing 71 "Richthofen" stationed in Wittmund, Germany, received the first strike-role F-4F Phantom II. Until conversion to the Eurofighter aircraft, the Wittmund wing will be the last active Luftwaffe unit flying Phantom.



Dimensions	
Length	19.20 m
Height	5.02 m
Wingspan	11.77 m
Wing area	49.20 m ²

Weight	
Empty weight	14,500 kg
Max Takeoff weight	26,300 kg

Performance	
Maximum speed	1.9 Mach
Takeoff roll	980 m
Landing roll	950 m
Maximum range	1,150 km

Weapons load F-4F Phantom II	
Weapon	
Gun 20mm M61A1 Vulcan	Air to Air in Dogfight
AIM-9L Sidewinder	Air to Air short distance
AMRAAM	Air to Air medium distance

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