

Amendment

Operational order ATC № 05/09 Operational order FDS № 05/09

MO-ATC instructions due to technical problems of the EUROFIGHTER

Version: 1.1
Effective from: 18.05.2009
Effective until: further notice (DRF until 29.06.2009)
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Number of pages (incl. amendment): 4

This amendment shall form part of the above-mentioned operational order and shall remain with the operational order until the next amendment.

1. Essentials

Instructions concerning the Manual of Operations Air Traffic Control Services (MO-ATC, chapter 111.6) due to inaccuracies of the altitude indication of the weapon system EUROFIGHTER.

111.6 If necessary, supplementary regulations to these manuals shall be defined by DFS/UZ departments AIM/FP, TWR/MO or, as appropriate, CC/FDO.

2. List of amendments

version	section	page(s)	add, replace, remove
1.1	Amendment	all	add
	OpsOrder		

Hans-Michael Jung
Chief of Section

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Chief of Section

Sector families affected by the current amendment:												
	North A	North B	East A	East B	South	FDS	FIS	FMP	DA	SV CC	SV FDS	Office
mandatory	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
*only applicable to sector(s):												
This operational order applies to the following sector families:												
North A	North B	East A	East B	South	FDS	FIS	FMP	DA	SV CC	SV FDS	Office	
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*only applicable to sector(s):												

Distribution: I

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Effective from: 18.05.2009

MO-ATC instructions due to technical problems of the EUROFIGHTER

Instructions concerning the Manual of Operations Air Traffic Control Services (MO-ATC, chapter 111.6):

TRAMON Functions (MO-ATC 234.2)

Change of Vertical Separation (MO-ATC 432.1) for Aircraft Type Eurofighter

Distances to Airspace Boundaries (MO-ATC 436)

It is necessary to apply increased vertical separation with the Eurofighter due to technical problems.

1. Principles

- a) With immediate effect, the Eurofighter will, as a rule, only operate at a maximum of Mach 0.7 when flying below FL 290 under IFR (or VFR in airspace C). Revised vertical separation is not required in these cases.
- b) For Eurofighter operating at and above FL290, it is **not** required to apply vertical separation minima higher than those applicable to non-RVSM aircraft.

2. Additional Procedures

- a) When Alpha Scrambles are performed, it must **always** be expected that Mach 0.7 is exceeded even if the aircraft operate below FL 290. In these cases, vertical separation shall be increased by 1000 FT.
- b) If, for compelling operational reasons (e.g. Tango Scramble), it is necessary to operate at a speed of more than Mach 0.7 below FL 290, the crew will, in due time during the flight, request the competent ATC unit to issue a clearance to operate at a higher speed. This requires an increase of the vertical separation by 1000 FT.
- c) The clearance to operate at a higher speed may only be issued after greater vertical separation has been established. The clearance shall be coordinated with neighbouring ATC units, if applicable.
- d) The vertical distances increased by 1000 FT for the Eurofighter shall **always** be considered below FL 290 when performing TRAMON functions according to MO-ATC item 234.2 a) (distance to TRA boundary) and 234.2 c) (safe distance from transit flights), because the speedprofiles applied in the TRA are not known.
- e) For aircraft operating at a speed of more than Mach 0.7 below FL 290, the vertical distances from airspace boundaries specified in MO-ATC item 436 shall be increased by 1000 FT.

Information

The Eurofighter will **always** maintain a vertical distance of 1000FT to the upper and lower boundary of the respective restricted and danger areas used.

Where the above mentioned conditions are met, the TACCS units will assure the greater vertical distances for military training areas used by Eurofighter, at all times, when maintaining safe distances

from civil transit flights and transit flights performed by military transport aircraft and from transit flights performed with single- or two-seated military jet aircraft at night.

These regulations apply with immediate effect and until further notice.

END