

**Joint Army Regulation 350-58  
AIR FORCE JOINT  
INSTRUCTION 36-2220  
OPNAVINST 3710.34B  
MCO 3710.5**

**Personnel**

**Joint United States  
(US) Air Force, US  
Army, US Navy, and  
US Marine Corps  
Air Combat  
Training**

**Headquarters  
Departments of the Army, the Air Force,  
the Navy, and The United States Marine  
Corps  
Washington, DC  
1 August 1994**

**UNCLASSIFIED**

# ***SUMMARY of CHANGE***

AR 350-58/AIR FORCE JOINT INSTRUCTION 36-2220/OPNAVINST 3710.34B/MCO 3710.5  
Joint United States (US) Air Force, US Army, US Navy, and US Marine Corps Air  
Combat Training

This publication aligns the instructions with AFPD 36-22.

- o 1. Dissimilar Air Combat Training (DACT) Programs. DACT programs provide a realistic application of fighter versus fighter tactics and serve to develop a high level of tactical skill for all combat aircrews in countering a real world threat. The use of dissimilar aircraft in the program furthers the learning process.
- o 2. Training Objectives. To:
  - o 2.1 Encourage DACT between USAF, USA, USN, and USMC units.
  - o 2.2. Conduct joint training in as realistic an environment as possible, but not at the expense of safety.
- o 3. Training Policy
  - o 3.1. Conduct the DACT program according to the criteria agreed to by the USAF major commanders (MAJCOM), USA major commanders (MACOM), USN type commanders (TYCOM), and USMC Fleet Marine Force (FMF) commanders of the participating units (attachment2)
  - o 3.2 Conduct all flights according to USAF, USA, USN, and USMC directives, instructions, and orders. When a conflict exists the more restrictive rule will apply.
  - o 3.3 Stress safety throughout the program.
- o Note: For the purpose of this instruction, USMC FMF commanders include Commanding General, Fourth Marine Aircraft Wing, Marine Reserve Force.

Headquarters  
Departments of the Army, the Air  
Force, the Navy, and The United  
States Marine Corps  
Washington, DC

1 August 1994

\*Joint Army Regulation  
350-58

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INSTRUCTION 36-2220

\*OPNAVINST 3710.34B

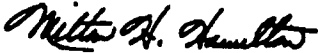
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Effective 1 September 1994

## Personnel

### Joint United States (US) Air Force, US Army, US Navy, and US Marine Corps Air Combat Training

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**History.** This publication has been reorganized to make it compatible with the Army electronic database. No content has been changed.

**Summary.** This instruction implements AFPD 36-22, *Military Training*. It prescribes the joint policies and responsibilities of the US Air Force (USAF), US Army (USA), US Navy (USN), and US Marine Corps (USMC) joint services air combat training (ACT). This instruction authorizes joint service ACT and reflects the appropriate coordination of each service.

**Applicability.** This publication applies to all USAF, USA, USN, and USMC units participating in joint service ACT.

**Proponent and exception authority.** Not applicable.

**Army management control process.** Not applicable.

**Supplementation.** Not applicable.

**Interim changes.** Not applicable.

**Suggested improvements.** Not applicable.

**Distribution.** AIR FORCE: F

ARMY: Distribution of this publication is made in accordance with the requirements on DA Form 12-09-E, block number 5433, intended for command level A for Active, Army, Army National Guard, and US Army Reserve.

NAVY:

SNDL Navy Department (Less A3)

B3 College and University)

B5 US Coast Guard (Commandant, only)

21A Fleet Commanders in Chief

22A Fleet Commanders

23 Force Commanders

24 Type Commanders (Less 24A)

24A Naval Air Force Commanders (122)

26F Operational Test and Evaluation Force and Detachment

26JJ Fleet Area Control and Surveillance Facility)

28A Carrier Groups

28B Cruiser-Destroyer Groups

29B Aircraft Carriers (CV) (CVN)

42 Naval Aviation

45A2 Marine Expeditionary Force

45B Marine Division

45V Expeditionary Brigade and Unit

46 Fleet Marine Force Aviation

C2 Naval Officers at Air Force Activities

E3 ALaboratory ONR

E3 BONR Branch Office

E4A General Counsel Branch Office

FA6 Air Station LANT

FA30 Weapons Training Facility

FB6 Air Facility PAC

FB7 Air Station PAC

FB44 Missile Range Facility

FC4 Air Facility NAVEUR

FF1 Naval District Washington DC

FF5 Safety Center

FF63 Naval Strike Warfare Center

FF67 Fighter Weapons School

FKA1A Air Systems Command

FKR6A Air Warfare Center Aircraft Division

(Warrnister, Patuxent River Trenton, Orlando only)

FKR6BAir Warfare Center Weapons Division (China Lake only)

FKRIA Air Station NAVAIRSYSCOM

FR3 Air Station COMNAVRESFOR

FR4 Air Facility COMNAVRESFOR

FR5 Air Reserve

FT1 Chief of Naval Education and Training

FT2 Chief of Naval Air Training

FT5 Chief of Naval Technical Training(12)

FT22 Fleet Combat Training Center

FT24 Fleet Training Center

V3 Marine Corps Air Base Commanders

V5 Marine Corps Air Station

V6 Fourth (4th) Marine Aircraft Wing

V7 Marine Air Reserve Training Detachment

V16 Marine Corps Base

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\*AFR 51-41 and OPNAVINST 3710.34A, 20 January 1978.

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### **1. Dissimilar Air Combat Training (DACT) Programs.**

DACT programs provides a realistic application of a fighter versus fighter and serve to develop a high level of tactical skills for all aircrews in countering a real world threat. The use of dissimilar aircraft in the program furthers the learning process.

### **2. Training Objectives.**

To:

#### **2-1.**

Encourage DACT between USAF, USA, USN, and USMC units.

#### **2-2.**

Conduct joint training in as realistic an environment as possible, but not at the expense of safety.

### **3. Training policy:**

#### **3-1.**

Conduct the DACT program according to the criteria agreed to by the USAF major commanders (MAJCOM), USA major commanders (MACOM), USN type commanders (TYCOM), and USMC Fleet Marine Force (FMF) commanders of the participating units (attachment 2).

#### **3-2.**

Conduct all flights according to USAF, USA, USN, and USMC directives, instructions, and orders. When a conflict exists the more restrictive rule will apply.

#### **3-3.**

Stress safety throughout the program.

### **4. Responsibilities Assigned:**

#### **4-1.**

The host unit commander ensures the safe conduct of the DACT program and makes sure those responsible for the program meet program goals.

#### **4-2.**

. USAF MAJCOMs, USA MACOMs, USN TAYCOMs, and USMC FMF commanders develop and update plans, Training Rules (TR)/rules of engagement (ROE), safety requirements, and scheduling procedures for joint training. These issues are subject to annual review according to the schedule set by HQ USAF/XO, HQ DA/DAMO-TR, DCNO (Air Warfare), and CMC (A), who will monitor the joint training program, provide guidance as needed to the participating commands, and conduct an annual review of joint service ACT programs.

#### **4-3.**

Unites deployed to another location must comply with administrative and operational procedures as defined in joint service agreements.

## Appendix Attachment 1

### Section A References

AFPD 36–22, Military Training

### Section B Abbreviations and Acronyms ACT

Air Combat Training  
AOA  
Angle of Attack  
DACT  
Dissimilar Air Combat Training  
FMF  
Fleet Marine Force  
MACOM/MAJCOM  
Major Command  
ROE  
Rules of Engagement  
SOI  
Specific Operating Instructions  
TR  
Training Rules  
TYCOM  
Type Command  
USAF  
United States Air Force  
USMC  
United States Marine Corps  
USN  
United States Navy

## Appendix Attachment 2

### Section INTERSERVICE DACT REQUIREMENTS

#### A2.

A realistic dissimilar aerial combat training program must use established USAF, USA, USN, and USMC regulations, instructions, and orders, including the following:

#### A2–1.

Aircrew qualifications must comply with service directives for DACT from USAF MAJCOMs, USA MACOMs, USN TYCOMs, and USMC FMF commands; most stringent rules must apply.

#### A2–2.

Training programs must provide a logical sequence of training and tailor DACT to the unit's particular training requirements.

#### A2–3.

Host and deployed units are jointly responsible for the safe conduct of the DACT program and attainment of program goals.

#### A2–4.

All participating aircrews will be briefed on SOIs prior to engagement. These briefings must include, but are not limited to:

#### A2–4–L.

Specific mission guidelines for participating units.

#### A2–4–2.

Individual aircraft missions.

#### A2–4–3.

Aircraft maneuvering limitations.

#### A2–4–4.

Training Rules (TR)/Rules of Engagement (ROE).

#### A2–4–5.

Disengagement criteria and procedures.

#### A2–4–6.

Parameters for simulated weapon employment.

#### A2–4–7.

Specific safety guidelines.

#### A2–5.

TR: TR must include the following, as a minimum:

#### A2–5–1.

Weather criteria.

#### A2–5–2.

Initial attack scenarios.

#### A2–5–3.

Minimum operating airspeeds or maximum AOA.

#### A2–5–4.

Minimum operating altitudes.

#### A2–5–5.

Safe separation responsibilities and procedures.

#### A2–5–6.

Disengagement requirements and procedures.

#### A2–5–7.

Departure/Spin Procedures. (USN/USMC)

### Section

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