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**Safety**

**MID-AIR COLLISION AVOIDANCE (MACA)  
PROGRAM**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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This instruction implements AFD 91-2, *Safety Programs*. This instruction establishes the 85th Group Mid-Air Collision Avoidance (MACA) Program and applies to all 85th Group units. Our goal is to reduce the mid-air collision potential at NAS Keflavik through an aggressive program of information cross-flow between the local military and civilian aviation communities. The program ensures 85th Group aircrews maintain a high level of awareness of the mid-air collision potential inherent in the performance of their worldwide mission. Send comments and suggested improvements to this supplement on AF 847, **Recommendation for Change of Publication**, through channels, to 85 GP/SE.

**1. The Mid-air Collision Avoidance (MACA) Program.** The goal of the MACA program is to make the skies in the vicinity of NAS Keflavik (NASKEF) the safest possible flying environment. The program enables military and civilian aviators to share vital information about flying activities and airspace use. The exchange of information greatly reduces operational risk by increasing aircrew understanding and awareness of local flying hazards.

**2. Responsibilities:**

2.1. 85 GP/SE:

2.1.1. Establish and manage the 85th Group MACA program and MACA Working Group to evaluate mid-air collision threat.

2.1.2. Work with operators of nearby airfields to reduce risks and minimize midair collision hazards.

2.1.3. Provide educational programs to increase the use of available radar services among civil aircraft.

2.1.4. Publish and distribute a MACA pamphlet, to include maps and graphics, to military and civilian flying organizations who utilize the surrounding airspace.

- 2.1.5. Advise the commander, flight safety officers, and aircrew on mid-air collision matters.
- 2.1.6. Provide MACA briefing to 85th Group aircrew at least once per year during a quarterly Flight Safety meeting.
- 2.1.7. Participate in visits to civilian airports and other aviation organizations in the local area.
- 2.2. 85 OS/CC and 56 RQS/CC:
  - 2.2.1. Make the 85th Group MACA pamphlet available to all aircrew.
  - 2.2.2. Provide MACA briefing to all temporarily and permanently assigned aircrew before first local flight.
  - 2.2.3. Assist air traffic controllers in resolving potential mid-air collision problems.
  - 2.2.4. Inform 85 GP/SE of any mid-air collision potential problems. These problems will be resolved as quickly as possible and, if necessary, be formally addressed at the MWG meeting.
- 2.3. 932 ACS/CC will:
  - 2.3.1. Assist aircrew in resolving potential mid-air collision problems.
  - 2.3.2. Inform 85 GP/SE of any mid-air collision potential problems. These problems will be resolved as quickly as possible and, if necessary, be formally addressed at the MWG meeting.
  - 2.3.3. Assist 85 GP/SE in investigating hazardous air traffic reports. Preserve the appropriate recorded communications, documents and names of individuals involved.

**3. MACA Working Group (MWG).** The purpose of the MWG is to evaluate the mid-air collision threat at NASKEF and develop a comprehensive MACA program. The MWG will be comprised of 85 GP/SE and unit representatives to orchestrate the MACA program.

- 3.1. MWG members include but are not limited to representatives from: 85 GP/SE, 85 OS, 56 RQS, 932 ACS, IDF/J3, IDF/J5, NASKEF AIROPS, NASKEF ASO, Navy Flying Club, ATC Keflavik, ATC Reykjavik, and the Icelandic Civil Aviation Administration.
- 3.2. The MWG will meet in conjunction with the IDF Air Traffic Control Review Board meeting, or as required to accomplish specific tasks.
- 3.3. The IDF ATC Review Board meeting is chaired by IDF/J3, or a designated representative. 85 GP/SE will provide MACA discussion topics to IDF/J3 before each quarterly meeting.

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