

**BY ORDER OF THE COMMANDER
AIR FORCE RESERVE COMMAND**

**AIR FORCE RESERVE COMMAND
MISSION DIRECTIVE 037**



16 FEBRUARY

Mission Directive

**53RD WEATHER RECONNAISSANCE
SQUADRON**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This Mission Directive implements guidance in AFI 38-101, *Manpower and Organization*. It delineates the mission, command relationships, and responsibilities of the 53rd Weather Reconnaissance Squadron. This Mission Directive applies to individuals assigned to HQ AFRC and subordinate units. This publication does not apply to Regular Air Force, Air National Guard, or US Space Force. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with IAW AFI 33-322, *Records Management and Information Governance Program*, and disposed of IAW the Air Force Records Information Management System and Records Disposition Schedule. Contact supporting records managers as required. Refer recommended changes and questions about this publication to the OPR using DAF Form 847, *Recommendation for Change of Publication*; route DAF Forms 847 from the field through the appropriate functional chain of command. This publication may not be supplemented.

SUMMARY OF CHANGES

This publication has been substantially revised and needs to be completely reviewed. Major changes include an updated purpose, mission, references, and added 4. Interagency Operational Authority.

1. Mission. To provide weather reconnaissance aircraft and crews, command and control, and support equipment/personnel capabilities in support of combatant commander requirements. Typically, operations are conducted under Chairman of the Joint Chiefs of Staff Defense Support of Civil Authorities authority via US Northern Command or US Indo-Pacific Command; however,

the weather reconnaissance capability may be utilized for environmental information collection to benefit the US Department of Defense.

1.1. Capabilities: The unit must be able to:

1.1.1. Conduct 24-hour reconnaissance operations of mesoscale atmospheric systems from three locations simultaneously (up to five sorties per day).

1.1.2. Conduct 24-hour reconnaissance operations of synoptic atmospheric systems from two locations simultaneously (up to four sorties per day).

1.1.3. Conduct ocean sensing operations as required.

1.2. Operating Locations: Unit is capable of conducting operations from main operating base, forward operating site, cooperative security location, or contingency location. If deployed to a contingency location, additional support will be required.

2. Command. The 53rd Weather Reconnaissance Squadron Commander:

2.1. Reports to the 403rd Operations Group Commander.

2.2. Exercises administrative control over assigned personnel.

3. Responsibilities.

3.1. Execute commander's responsibilities as outlined in AFI 1-2, *Commander's Responsibilities*.

3.2. Provides oversight and execution of the 53rd Weather Reconnaissance Squadron mission.

4. Interagency Operational Authority. When conducting Defense Support of Civil Authority operations, missions are conducted in accordance with AFI 10-801, Defense Support of Civil Authorities, AFMAN 11-2WC-130JV3, WC-130J Operations Procedures, Federal Coordinator for Meteorology Publication 12, National Hurricane Operations Plan, Federal Coordinator for Meteorology Publication 13, National Winter Season Operations Plan, Chairman of the Joint Chiefs of Staff Defense Support of Civil Authority Execution Order, and other applicable combatant command plans and instructions. At that point, Sec Def grants tactical control to US Northern Command or US Indo-Pacific Command for successful weather reconnaissance mission execution.

JOHN P. HEALY, Lt Gen, USAF
Commander

Attachment 1

GLOSSARY OF REFERENCES AND SUPPORTIVE INFORMATION

References

AFI 1-2, *Commander's Responsibilities*, 8 May 2014

AFI 10-801, *Defense Support of Civil Authorities*, 29 January 2020

AFI 33-322, *Records Management and Information Governance Program*, 23 March 2020

AFI 38-101, *Manpower and Organization*, 29 August 2019

AFMAN 11-2WC-130JV3, *WC-130J Operations Procedures*, 14 July 2021

AFMAN 15-129, *Air and Space Weather Operations*, 16 June 2021

FCM P-12, *National Hurricane Operations Plan (NHOP)*, current edition

FCM P-13, *National Winter Season Operations Plan (NWSOP)*, current edition

Adopted Forms

DAF Form 847, *Recommendation for Change of Publication*