

Millimeter Cloud Radar (MMCR)

PROGRAM/PROJECT: [<http://www.etl.noaa.gov/technology/>]

LEAD AGENCY/COLLABORATING AGENCIES: National Oceanic and Atmospheric Administration (NOAA)/Environmental Technology Laboratory (ETL)

LEAD AGENCY POINT OF CONTACT:

PROGRAM POINT OF CONTACT: Robert Kropfli, Environmental Technology Laboratory, 303-497-6235, rkropfli@etl.noaa.gov

SERVICE AREA (S):INITIATIVE (S)

- ***National Aviation Weather Initiatives:***
N/A See FAA-38

FUNDING

- ***Programmed/Planned (\$'s/FY):***

TYPE OF PROGRAM/APPLICATION

Product Development

SCOPE OF PROGRAM/PROJECT

- ***What's being developed, procured, etc:*** MMCR technology is being integrated into a system for the ground-based detection of in-flight icing conditions. See FAA-38.
- ***How operations will be changed/improved:*** provide the ability to avoid areas of Super Large Droplets (SLD) that pose a serious icing threat to en-route aircraft.

PROGRAM/PROJECT MANAGEMENT

- ***Basic guidance document for this program:*** Information not currently available.
- ***Program/Project verification process :*** Information not currently available.
- ***Method used for end product validation:***
- ***Operational training for the user:*** Information not currently available.

SCHEDULE/IMPLEMENTATION

- ***Next major program milestone:*** NA
- ***Program becomes operational:*** MMCR is an operational system. Its capability is being incorporated into the FAA's GRIDS.
- ***Plans for further improvements:*** NA