

10/28/2022

FOR YOUR INFORMATION

2022-110/6-10

1934505

To: FAA (ATM MSY ATCT, AJI-1, AOV-1)

Info: FAA (AVP-1, AVP-200, AJT-2, AFS-260, AFS-200, Director of Air Traffic Operations CSA), A4A, ALPA, AOPA, APA, ASAP, ATSAP, ATSG, CAPA, EAA, ICASS, IPA, NAFI, NATCA, NBAA, NTSB, RAA, SWAPA

From: Becky L. Hooey, Director
NASA Aviation Safety Reporting System

Re: MSY ASR-9 Radar Anomalies

We recently received ASRS reports describing a safety concern that may involve your area of operational responsibility. We do not have sufficient details to assess either the factual accuracy or possible gravity of the report. It is our policy to relay the reported information to the appropriate authority for evaluation and any necessary follow-up. We feel you should be aware of the enclosed deidentified report.

To properly assess the usefulness of our alert message service, we would appreciate it if you would take the time to give us your feedback on the value of the information that we have provided. Please contact Dr. Becky Hooey at (408) 541-2854 or email at becky.l.hooey@nasa.gov.



Aviation Safety Reporting System
P.O. Box 189 | Moffett Field, CA | 94035-0189



ACN 1934505

DATE / TIME

| | |
|--------------------|--------------|
| Date of Occurrence | 202209 |
| Local Time Of Day | 1201 to 1800 |

PLACE

| | |
|--------|------------|
| Locale | MSY.TRACON |
| State | LA |

AIRCRAFT / EQUIPMENT X

| | |
|-------------------------|---|
| ATC / Advisory - TRACON | MSY |
| Make Model Name | Any Unknown or Unlisted Aircraft Manufacturer |

PERSON 1

| | |
|--------------------------------|-----------|
| Function - Air Traffic Control | Approach |
| Function - Air Traffic Control | Departure |
| ASRS Report Number | 1934505 |

EVENTS

| | |
|-------------------|---|
| Anomaly | ATC Issue - All Types |
| Anomaly | Ground Event / Encounter - Ground Equipment Issue |
| Detector - Person | Air Traffic Control |
| Result - General | None Reported / Taken |

NARRATIVE 1

Our ASR-9 radar located at MSY was reported to have a primary radar outage between 0 and 15 miles from the antenna. The radar itself, however, is still considered in service. And can't be fixed until we get more money. I don't feel like I need to explain further as your face, as the reader, should be in shock and confusion or at least turned to the side in confused contemplation. I will, however, go into further detail anyway.

The problem with this outage, or lack thereof, is that with fusion, we need at least two points of working radar with the addition of ADS-B (I could be wrong there). The MSY ASR-9 cannot be used as one of those contacts within 15 miles as the primary radar does not work. If we lose one or two of the other radars, we cannot use fusion and will not have an operating radar scope. Also, our local orders state that if the ASR-9 is out of service, we cannot have automatic releases at NEW airport. NEW is technically within the 15 mile outage. We, however, still have automatic releases.

Thankfully due to ADS-B, we haven't seen an impact on the outage, but that shouldn't be the reference point for whether we get funding to fix a MAJOR piece of equipment. But who am I kidding? We don't have our Cat III ILS either. This outage cannot stand. Let's either fix that radar or put it out of service. You cannot have it both ways.

SYNOPSIS

MSY Controller reported the ASR-9 radar does not work between 0 and 15 miles from the radar antenna.