

5/26/2021

FOR YOUR INFORMATION

2021-62/4-9

1800121

To: FAA (AFS-400, DFW IFO)

Info: FAA (AVP-1, AVP-200, AFS-280, AFS-200), A4A, ALPA, AOPA, APA, ASAP, ATSG
CAPA, ICASS, ICAO, IFALPA, NBAA, NTSB

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

Re: MRLB Runway 25 VOR Approach Accuracy

We recently received an ASRS report 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 1800121

DATE / TIME

Date of Occurrence 202104
Local Time Of Day No Local Time Of Day Stated

PLACE

Locale MRLB.Airport
State FO

ENVIRONMENT

Weather Rain

AIRCRAFT / EQUIPMENT X

Make Model Name Commercial Fixed Wing
Operating Under FAR Part 121

COMPONENT 1

Aircraft Component Navigational Equipment and Processing

PERSON 1

Function - Flight Crew Captain
Function - Flight Crew Pilot Not Flying
ASRS Report Number 1800121

EVENTS

Anomaly Aircraft Equipment Problem - Less Severe
Anomaly ATC Issue - All Types
Detector - Automation Aircraft Other Automation
Detector - Person Flight Crew
Result - General None Reported / Taken

NARRATIVE 1

Runway 25 VOR Approach had obvious offset by approximately 5 degrees or more. Flew it in LNAV/VNAV and it was on FMC generated profile while raw data was showing a half dot right of course. Upon sighting airport 4 miles out, it was clearly not straight in but offset considerably. Was able to safely maneuver for landing, Next morning, another airline executed missed approach while on [the] VOR approach to Runway 7 as the aircraft was offset at least 2,500 feet to the left. This made me consider the accuracy of the airport VOR.

SYNOPSIS

Air carrier Captain reported flying VOR Runway 25 approach to MRLB airport and being 5 degrees or more off centerline and offset to the runway.