

3/6/2024

FOR YOUR INFORMATION

2024-40/4-5

To: Airport Manager, Dallas Love Field Airport (DAL), TX, FAA (AAS-1, ATM D10 TRACON) 2080876

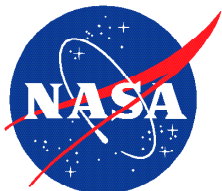
Info: FAA (AAS-300, AVP-1, AVP-200, AJI-144, ATM DAL Tower, AJV-A, ASW-600, AFS-260, AFS-200, Director of Air Traffic Operations CSA, Runway Safety Team), A4A, AAAE, ALPA, AOPA, APA, ASAP, CAPA, ATSAP, ATSG, IATA, IBT, ICAO, ICASS, IFALPA, IPA, NATCA, NBAA, NTSB, RAA, SWAPA

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

Re: DAL Runway 31R Glide Slope Anomaly

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 2080876

DATE / TIME

Date of Occurrence 202401
Local Time Of Day 1801 to 2400

PLACE

Locale DAL.Airport
State TX
Altitude - MSL 4000

AIRCRAFT / EQUIPMENT X

ATC / Advisory - Tower DAL
Make Model Name Commercial Fixed Wing
Operating Under FAR Part 121

COMPONENT 1

Aircraft Component ILS/VOR

PERSON 1

Function - Flight Crew Captain
Function - Flight Crew Pilot Not Flying
ASRS Report Number 2080876

EVENTS

Anomaly Aircraft Equipment Problem - Less Severe
Anomaly ATC Issue - All Types
Anomaly Deviation / Discrepancy - Procedural - Published
Material / Policy
Anomaly Ground Event / Encounter - Ground Equipment Issue
Detector - Automation Aircraft Other Automation
Detector - Person Flight Crew
Result - Flight Crew Overcame Equipment Problem

NARRATIVE 1

Have noticed many times now that the glideslope on [Runway] 31R at DAL has interference from following aircraft as well as crossing aircraft on the ground. This has been noticed even when low visibility and ILS CRITICAL AREA is in effect. Aircraft departing before you land still interfere with the signal. This is the only airport and glideslope signal I know of that seems to be constantly bouncing around and have almost continual interference. Seeing it visually once again on this flight while following 3.5 miles behind an aircraft with no aircraft waiting to takeoff, we had the glideslope move erratically from 4,000 ft. to almost 400 ft. Past comments to ATC have yielded no results or answers.

On approach from 10 miles to short final, ILS 31R glideslope constantly bouncing on approach. System needs to be tested.

SYNOPSIS

Air carrier Captain reported the DAL Runway 31R glide slope has had interference from following aircraft and aircraft crossing on the ground, and the signal constantly bounces around on approach.