

1/27/2023

FOR YOUR INFORMATION

2023-15/10-1

1949583

To: FAA (ATM ZAU ARTCC, AJV-A)

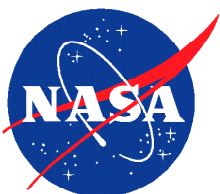
Info: FAA (AVP-1, AVP-200, AGL-600, AFS-200, AFS-260, Director of Air Traffic Operations CSA), A4A, ALPA, AOPA, APA, ASAP, ATSAP, ATSG, CAPA, IATA, ICAO, ICASS, IFALPA, IPA, NATCA, NBAA, NTSB, RAA, SWAPA

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

Re: Similar Sounding Fix Names - DIRRK/DIRKK

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 1949583

DATE / TIME

Date of Occurrence	202211
Local Time Of Day	1201 to 1800

PLACE

Locale	ZZZ.Airport
State	US
Altitude - AGL	0

AIRCRAFT / EQUIPMENT X

ATC / Advisory - Center	ZAU
Make Model Name	Light Transport
Operating Under FAR Part	135

PERSON 1

Function - Flight Crew	Captain
Function - Flight Crew	Pilot Flying
ASRS Report Number	1949583

EVENTS

Anomaly	Deviation - Track / Heading - All Types
Anomaly	Deviation / Discrepancy - Procedural - Clearance
Detector - Automation	Air Traffic Control
Detector - Person	Air Traffic Control
Detector - Person	Flight Crew
Result - Flight Crew	Became Reoriented
Result - Flight Crew	Requested ATC Assistance / Clarification
Result - Air Traffic Control	Provided Assistance

NARRATIVE 1

On the ground I loaded the FMS with our route to ADS. We were cleared as filled which was to the fix DIRRK then the SLANT3 arrival. During the process I misspelled the fix as DIRKK instead of DIRRK but I also loaded the arrival with DIRRK into the FMS. So the FMS page had DIRKK followed by a add enroute waypoint, which would be normal then the correct arrival with the correct DIRRK. We double checked the points but did not notice the spelling error. After takeoff they told us to proceed to DIRRK which we did, but instead we proceeded to DIRKK and noticed the error after Center double checked that we were headed to DIRRK. We did not have a conflict with any other traffic and proceeded to ADS without any other issues.

SYNOPSIS

Light Transport aircraft Captain reported a track deviation due to similar sounding fix names DIRRK and DIRKK.