

5/2/2024

FOR YOUR INFORMATION

2024-85/11-7

To: Airport Manager, George Bush Intercontinental/Houston, (IAH), TX, FAA 2095822
(AJV-A), Jeppesen Sanderson Inc.

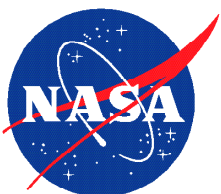
Info: FAA (Director of Air Traffic Operations CSA, ATM ZHU ARTCC, ATM I90 TRACON, AVP-1, AVP-200, ASW-600, AFS-260, AFS-200, Runway Safety Team), ATSG, ALPA, ICASS, IFALPA, AOPA, APA, ASAP, A4A, ATSAP, CAPA, IPA, NATCA, NBAA, NTSB, RAA, SWAPA

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

Re: IAH LINKK1 STAR 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 2095822

DATE / TIME

Date of Occurrence	202403
Local Time Of Day	1201 to 1800

PLACE

Locale	ZHU.ARTCC
State	TX
Altitude - MSL	34000

AIRCRAFT / EQUIPMENT X

ATC / Advisory - Center	ZHU
Make Model Name	Commercial Fixed Wing
Operating Under FAR Part	121

COMPONENT 1

Aircraft Component	Navigation Database
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PERSON 1

Function - Flight Crew	Captain
Function - Flight Crew	Pilot Not Flying
ASRS Report Number	2095822

EVENTS

Anomaly	Aircraft Equipment Problem - Less Severe
Anomaly	Deviation / Discrepancy - Procedural - Published
	Material / Policy
Detector - Person	Flight Crew
Result - Flight Crew	Requested ATC Assistance / Clarification
Result - Aircraft	Automation Override FLC

NARRATIVE 1

FMS arrival altitude discrepancy. Houston Center modified initial STAR clearance from NNCEE2 Arrival to LINKK1 Arrival just prior to descent. In the process of changing arrivals in the FMS, both pilots noted a discrepancy between onboard FlightDeck PRO arrival info in the iPad and the FMS (box) arrival info. The iPad depicted step-down altitudes at LINKK between 12,000 – 15,000 and 250 kt. However, the 'box' showed 17,000 – FL 200 and 250 kt.!!! Captain advised ATC of the anomaly and coordinated for a descent to 12,000 ft. Further coordination with arrival took place and flight continued and was completed without any other issues. FIRST for me in my many years of aviation!

SYNOPSIS

Air carrier Captain reported the step-down altitudes between the FMS and iPad (FliteDeck Pro) for the IAH LINKK1 RNAV arrival.