

9/13/2023

**FOR YOUR INFORMATION**

2023-141/10-20

To: FAA (ATM ZNY ARTCC, AJV-A), Jeppesen Sanderson Inc.

2023691

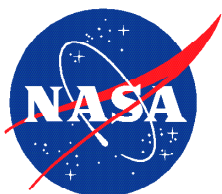
Info: FAA (AVP-1, AVP-200, AFS-200, AFS-260, Director of Air Traffic Operations ESA North), A4A, ALPA, AOPA, APA, ASAP, ATSAP, ATSG, CAPA, IATA, IBT, ICAO, ICASS, IFALPA, IPA, NATCA, NBAA, NTSB, RAA, SWAPA

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

Re: ELVAE Waypoint Location Disagreement

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](mailto:becky.l.hooey@nasa.gov).



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



## ACN 2023691

### DATE / TIME

Date of Occurrence	202307
Local Time Of Day	0601 to 1200

### PLACE

Locale	ZNY.ARTCC
State	NY

### ENVIRONMENT

Flight Conditions	VMC
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### AIRCRAFT / EQUIPMENT X

ATC / Advisory - Center	ZNY
Make Model Name	Small Transport, Low Wing, 2 Turbojet Eng
Operating Under FAR Part	135

### COMPONENT 1

Aircraft Component	FMS/FMC
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### PERSON 1

Function - Air Traffic Control	Enroute
Function - Flight Crew	First Officer
Function - Flight Crew	Pilot Flying
ASRS Report Number	2023691

### EVENTS

Anomaly	Aircraft Equipment Problem - Less Severe
Anomaly	Deviation - Track / Heading - All Types
Anomaly	Deviation / Discrepancy - Procedural - Clearance
Anomaly	Deviation / Discrepancy - Procedural - Published Material / Policy
Detector - Automation	Air Traffic Control
Detector - Person	Air Traffic Control
Result - Air Traffic Control	Issued Advisory / Alert

### NARRATIVE 1

While on departure out of ZZZ, after the RUUDY6 we were vectored and then cleared direct ELVAE, COL, WHITE, and then as filed. Turning over ELVAE towards COL, ATC asks us if we have been cleared to ELVAE. We confirmed this and then we were told that ATC had issued an update to the fix location and apparently our FMS system was not updated with the new position. ATC informed us we should check the NAV database and check with our company but nothing further was needed on their end. ELVAE in our database was N40 32.77 W074 18.97 but Jeppesen and ATC has it as N40 32.8 W074 16.6. We continued on towards COL and completed the flight uneventful.

### SYNOPSIS

Air taxi First Officer reported a waypoint's position in the company database and Jeppesen was different from what ATC provided. ATC had issued an update to the ELVAE fix location but the aircraft's FMS did not contain the updated position nor was the flight crew aware of the update, resulting in a course deviation.