

4/6/2026

FOR YOUR INFORMATION

2026-119/3-8

2337068

To: Textron Aviation (Cessna), FAA (AFS-100)

Info: FAA (AVP-1, AVP-200, AFS-260, AFS-800, AFS-200, AIR-360, AIR-780, MKC-AEG, ANM-100), AMFA, AOPA, ASAP, ATSG, GAMA, IAM, IBT, ICASS, NBAA, NTSB, PAMA, TWU

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

Re: CE-700 FMS Vertical Guidance Issues

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 2337068

DATE / TIME

Date of Occurrence	202602
Local Time Of Day	1201 to 1800

PLACE

Locale	ZZZ.Airport
State	US

AIRCRAFT / EQUIPMENT X

ATC / Advisory - TRACON	ZZZ
Make Model Name	Citation Longitude (C700)
Operating Under FAR Part	91

COMPONENT 1

Aircraft Component	Navigational Equipment and Processing
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PERSON 1

Function - Flight Crew	Captain
Function - Flight Crew	Pilot Flying
ASRS Report Number	2337068

EVENTS

Anomaly	Aircraft Equipment Problem - Less Severe
Anomaly	Deviation / Discrepancy - Procedural - Published Material / Policy
Anomaly	Inflight Event / Encounter - Other / Unknown
Detector - Person	Flight Crew

NARRATIVE 1

I'm in the CE-700 Longitude fleet. I've now attempted the RNAV RNP Z for Runway XX into ZZZ twice. In both cases the vertical guidance failed. The first time I believe I was being vectored onto the final approach course around ZZZZZ, and the second time I was on the Radius-to-Fix (RF) leg just past ZZZZZ1. The position and altitude of the events were similar. In both cases I was where I should be, doing what I should have been doing, and the VNAV just gives up. It won't allow you to transition to a glide path (GP) (which is armed in the background), it just gives up on vertical guidance altogether while in VPATH.

Suggestions: Given that it has been two different airframes on two different trips while at a similar position, I would say that a pattern is forming. At this time I would not recommend this procedure in IMC.

SYNOPSIS

CE700 Captain reported the FMS vertical guidance will not transition to a glide path.