

4/24/2024

**FOR YOUR INFORMATION**

2024-77/5-33

To: Airport Manager, Newark Liberty Int'l Airport (EWR), NJ, FAA (AAS-1)

2092549

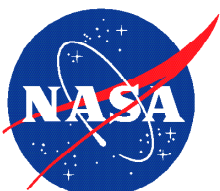
Info: FAA (AVP-1, AVP-200, AAS-300, AEA-600, AJV-A, ATM EWR ATCT, AFS-260, AJI -144, AFS-200, Director of Air Traffic Operations ESA North, Runway Safety Team), AAAE, A4A, ALPA, AOPA, APA, ASAP, ATSAP, ATSG, CAPA, IATA, ICAO, ICASS, IFALPA, IPA, NATCA, NBAA, NTSB, RAA, SWAPA

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

Re: EWR Terminal A Automated Park System 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](mailto:becky.l.hooey@nasa.gov).



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



## ACN 2092549

### DATE / TIME

Date of Occurrence 202403  
Local Time Of Day No Local Time Of Day Stated

### PLACE

Locale EWR.Airport  
State NJ  
Altitude - AGL 0

### ENVIRONMENT

Flight Conditions VMC

### AIRCRAFT / EQUIPMENT X

ATC / Advisory - Ramp EWR  
Make Model Name Large Transport, Low Wing, 2 Turbojet Eng  
Operating Under FAR Part 121

### PERSON 1

Function - Flight Crew First Officer  
Function - Flight Crew Pilot Not Flying  
ASRS Report Number 2092549

### PERSON 2

Function - Flight Crew Captain  
Function - Flight Crew Pilot Flying  
ASRS Report Number 2092145

### EVENTS

Anomaly Conflict - Ground Conflict, Less Severe  
Anomaly Deviation / Discrepancy - Procedural - Published  
Material / Policy  
Anomaly Ground Event / Encounter - Ground Equipment Issue  
Detector - Person Flight Crew  
Result - Flight Crew Took Evasive Action

### NARRATIVE 1

Have submitted previous reports for this issue. Automated parking at EWR A gates regularly stop aircraft late. In this instance I warned the Captain and he slowed the taxi. The system still jumped from 12 feet to 2 or 3 feet instantly then STOP. We had gone about 3 feet past the stopping spot, this could lead to aircraft damage but did not in this case. As stated previously it is apparent the ground crew was aware of this issue as they continuously glance at the automated system and appear prepared to show crossed wands. Luckily in this case a tug arrived quickly and we deplaned roughly 5 minutes later.

### NARRATIVE 2

Automatic parking system at EWR. Approaching at about 2-3 knots GS (Ground Speed) distance counting down to 12 feet to go. Suddenly sign goes from 12 to 3/2 and then stop in about 1 second. We stop and now sign reads "too far". We are over by approximately 3 feet.

### SYNOPSIS

Air carrier flight crew reported a safety concern with EWR Terminal A gates automated parking guidance systems malfunctioning or calibrated to the incorrect stop position.