



The GE 2584 CDU series provides a control display interface to the flight management system and other avionics subsystems.

GE Aviation 2584 CDU series includes CDU and ARINC 739A compatible MCDU offerings. The CDUs are designed for high utility and broad functionality, and can act as interface unit to support various aircraft applications. The CDU is standard production on Boeing 737 Commercial and Business Jets, KC-46 Pegasus Transport and Tanker Aircraft, and the P-8A Poseidon Multi-Mission Maritime Aircraft. A touchscreen version of the CDU is under development to support a flexible interface for advanced applications. The broad utility of the CDUs permits applications as a control display unit for the Flight Management System, ACARS, Digital Flight Recorder or SATCOM. The unit communicates using ARINC 739 protocol over an ARINC 429 bus. As an option the CDU can provide backup navigation radio tuning, EFIS control and interfaces and/or backup navigation with Global Positioning System (GPS) or Inertial Reference System (IRS).

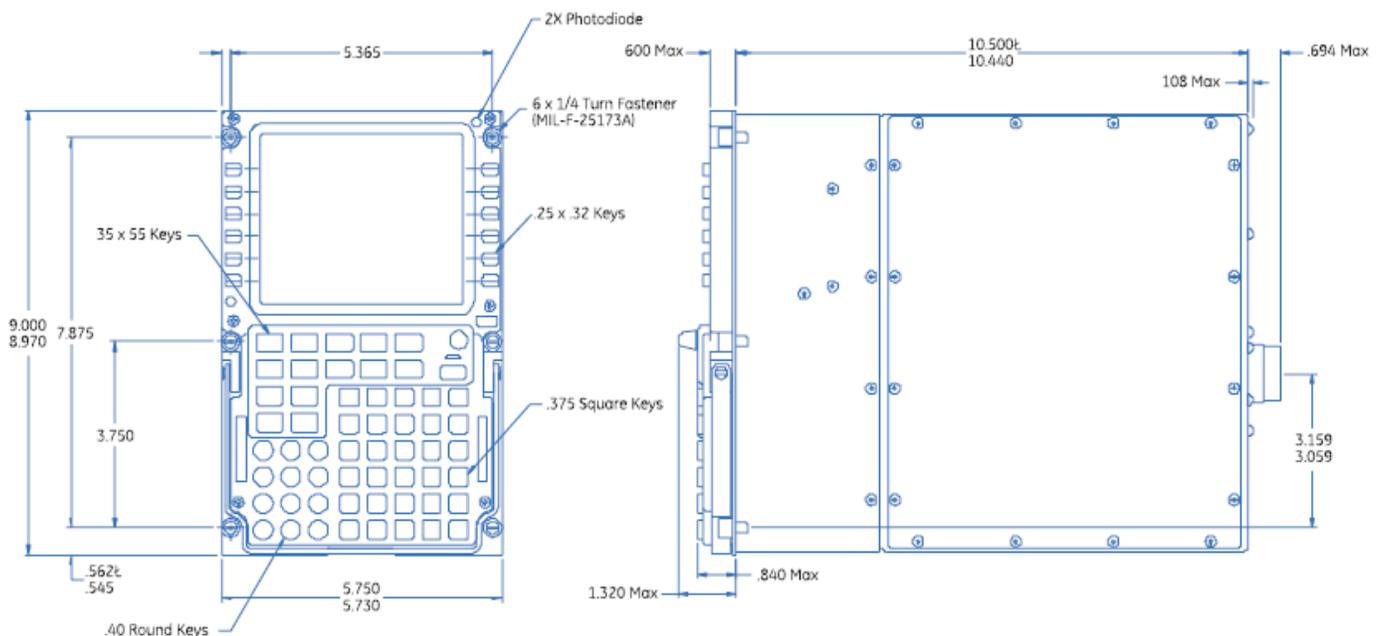
The CDU software can be updated via a standard ARINC 615 Airborne Data Loader to accommodate modifications to the Operation Flight Program (OFP). GE's CDUs feature a Liquid Crystal Display (LCD) and is ARINC 739 compatible with graphical interface growth capability. The CDU receives and presents color text commands.

Features:

- Full Color LCD Display
- Multifunction Capability
- ARINC 615 Data Loader compatible
- Communicates with multiple FMCs and additional ports for communications with other systems such as ACARS
- ARINC 739/429 compatible
- Highly reliable, compact design
- Designed for ease of growth to accommodate new features
- Alternate backup navigation



Version	Model 2584A6	Model 2584A7	Model 2584A8	Model 258401	Model 2584F1
Part Number	174101-01-03	174101-02-03	174101-03-03	187286-001	187588-001
Characteristic	CDU	MCDU	FANS MCDU	Tanker MCDU	MMA MCDU
Full color LCD	•	•	•	•	•
Reverse video and shading	•	•	•	•	•
Brightness:95 FL	•	•	•	•	•
Resolution:648 x 532 color elements	•	•	•	•	•
NVIS Compliant				•	•
14 rows of 24 characters	•	•	•	•	•
Active display size: 3.81" W x 3.13" H	•	•	•	•	•
Automatic brightness control	•	•	•	•	•
On aircraft software loading	•	•	•	•	•
ARINC 739 Generic User Ports		5	5	8	8
FANS keyboard (ATC key)			•	•	•
Weight: 9-10 lbs.	•	•	•	•	•
Unit Color	Grey	Grey	Grey	Brown	Grey
Power: 115VAC 400 Hz	•	•	•	•	•
Cooling: drawn air or blown air	•	•	•	•	•
D0-160 environmental standard	•	•	•	•	•
Developed to D0-178 and D0-254	•	•	•	•	•
Backup navigation (GPS)	•	•	•	•	•
Backup navigation (IRS)				•	•
Backup Navigation Radio Tuning				•	•
EFIS Output and Range Control				•	
Zeroize and EMCON Control				•	



2584 Series Flat Panel MCDU