

INTRODUCTION

Two kinds of Airline Operational Control (AOC) applications are provided :

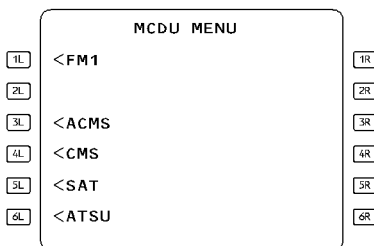
- Remote AOC applications embedded in systems peripheral to ATSU (ACMS, CMS, FMS, CABIN TERMINAL)
- Hosted AOC applications uploaded into the ATSU.

Due to the highly customized aspect of the hosted AOC applications, only the remote AOC applications are described in this chapter.

REMOTE APPLICATIONS

The remote AOC applications are accessible by pressing the related system key on the MCDU MENU page.

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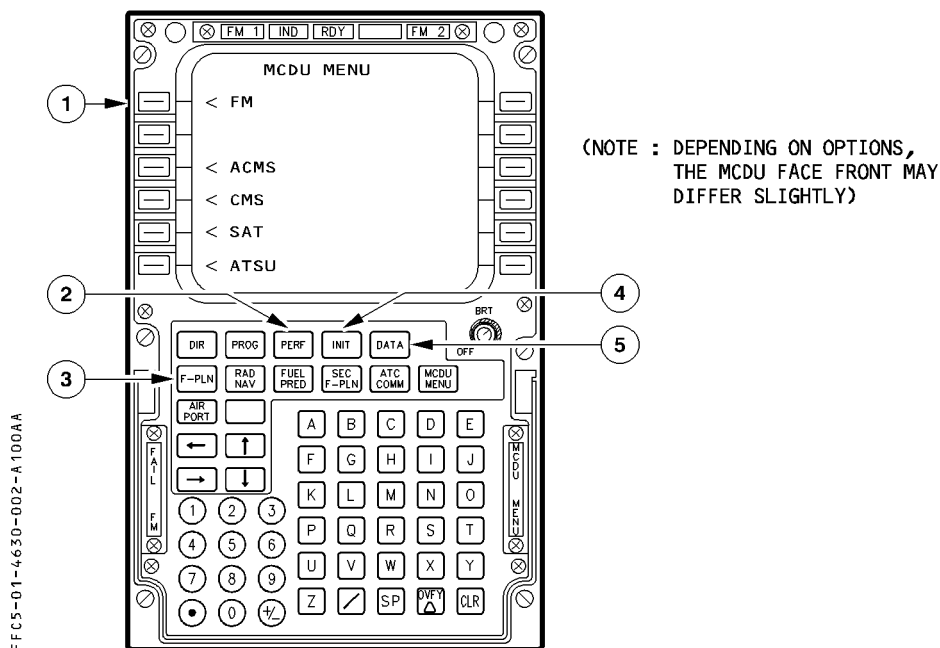
Message/reports are processed by the AOC peripherals (FMS, ACMS, CMS) ; the ATSU communication function only routes the request according to the company routing policy.

FLIGHT MANAGEMENT SYSTEM (FMS) (Refer to 1.22.45)

Through the FMS interface it is possible to access the following data :

- Takeoff data (uplink only)
- F-PLN initialization (uplink only)
- Pre-flight, post-flight report and ACARS print/program (downlink only)

See FMGS PILOT GUIDE (Refer to 4.04.50)



- ① Pressing this key selects the related system, then
- ② Pressing this key gives access to takeoff data (Uplink only)
- ③ Pressing this key gives access to wind data (F-PLN page)
- ④ Pressing this key gives access to the F-PLN initialization and wind data (Uplink only)
- ⑤ Pressing this key gives access to the Pre-flight and Post-flight reports, and the ACARS print/program (downlink only).

For additional details on its operation, refer to the operation, FMGS PILOT GUIDE (4.04.50).

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Central Maintenance System (CMS) (refer to 1.45.20)

Through the CMS interface it is possible to downlink the following data :

- Post flight report (on the ground) or current flight report (in flight) which includes :

- All failure messages detected by the BITEs
- The warnings displayed to the crew during the last or current flight leg.

Report can be downlinked upon crew action or upon ground request or automatically.

- Previous Flight Report (on the ground)
- Individual system BITE data (manual downlink only) (on the ground).
- Real-time failure and warning messages (in flight).
- Class 3 report (on the ground) containing all class 3 failures detected during the last flight leg. The report can be downlinked upon crew action or automatically.

Aircraft Condition Monitoring System (ACMS)

The ACMS interface provides ATSU with the data for the following applications :

- Aircraft Performance Monitoring (APM),
- Engine Condition Monitoring (ECM),
- APU Health Monitoring (AHM).

Any of the ACMS DMU reports can be downlinked (through ATSU) :

- Manually on the ground or in flight
- Automatically in real-time,
- Upon ground request or upon automatic request from the ATSU.