CHANGES for 1.025 version MJC8Q400

ALL EDITIONS

Systems

- PCU System: PEC lights will come up on overspeed >1060

- PCU System: After engine failure with prop unfeathered, rpm will slowly drop to 400 (IAS dependent)

- Oil System: When alt feather pump is activated, the system will not delay the feathering due to oil pressure

- FADEC System: Fixed the PEC failure detection due to overspeed

- C&L system: ELEVATOR FEEL will light when all 3 systems power the elevators

- C&L system: Master warning will blink with C/L test

- C&L system: No more FADEC caution light when the engine failure externally triggered

- C&L system: Caution lights will go out faster after N3 hydraulic system test completed

- Navigation system: Allow Back Course for the same ILS/LOC frequency for both runways, when the flight sim scenery has correct nav aids.

FMS

- Corrections to linking logic between the Leg types

- Various improvements of STAR/IAP linking logic

- Re-design of the VNAV logic and the FAF identification logic

- Re-design of the altitude calculations for VNAV

- Flight plan pages: ETE/ETA and altitude will not be shown on some legs where it can not be calculated

- Fixed incorrect holding entry type detection

- FPL arrive / FPL depart pages will insert the procedure when FPL key is pressed

Instruments

- Improved clock night lighting in VC

- PFD: AP inhibit is no longer indicating in place of AP Disengaged

- MFD: No longer 2 different holding patterns shown for a single holding

- Standby: fixed baro hint

- Fixed the TX/RX indication link to the vatsim/ivao clients

COCKPIT

Interface

- EFIS config data is sent over the network

- Main gear blown tyre on touchdown will not be simulated with WearOffFactor=0.0 mjc84.ini file entry

- Force Feedback outputs will be provided with ElevatorInFSXmode = 0 mjc84.ini file entry

- Introduced new variable elevatorTrimFromFsx in mjc84.ini to control the elevator trim directly via a variable

- mjc84.ini   (Flight Controls): Added the trim factor setting

- Oil System: Introduced failures EDP_failed[0][1] variable

- FD type added to the interface to be synchronized between the Q400 and the EFIS application

- PEC System: published the PEC failure variable

- Docs (Joystick connector) : published FLIP operator in connector description

Systems

- Flight Dynamics: Fixed the problem with aircraft crash or going underground when positioned on some airports

- Added EDP failure to the POWERPLANT page

FMS

- Added RAIM error factor gpsRAIMErrorFactor as a multiplier 0.0 to 1.0 to mjc84.ini file

TRAINING

Systems

- SysPan: Added EDP failure to the POWERPLANT page

- Flight Dynamics: Fixed the problem with aircraft crash or going underground when positioned on some airports

FMS

- Added RAIM error factor gpsRAIMErrorFactor as a multiplier 0.0 to 1.0 to mjc84.ini file