



**CHG0020884**

**To make aircraft latest MEL status  
available online for crew thru MH  
Messenger platform**

**Business Requirement Document**

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## General Information

CSR Number:	CHG0020884		
Created By:	Salleh Mustafa	Creation Date:	28-APR-21
Last Modified By:	Rabiatul Kae Ahmad	Modification Date:	29-JUL-21
Approved By :		Approved Date :	

## Privacy Information

This document may contain information of a sensitive nature. This information should not be given to persons other than those who are involved with this system/project or who will become involved during its lifecycle.

## Change History:

Version	Revision Date	Author	Summary
1.0	28-APR-2021	Salleh Mustafa	Initial Version
1.1	07-JUL-2021	Salleh Mustafa	Update MEL Status(Open), Frequency(Real Time),File Type(CSV)
1.2	29-JUL-21	Rabiatul Kae Ahmad	Update on UI requirement in MHMessenger

## 1. System Overview

MHMessenger Application is used for notifying users regarding Flights Details and also notify users regarding Fuel Order forms. Currently it is only applicable to Ex-KUL passenger MH flights. MHMessenger enhancement is required by Flight Operations users for below 3 areas.

1. To extend Fuel Order forms to all Ex-Stations passenger flight for MH and FY carrier code.
2. To add new Aircraft Status page for MEL(Status OPEN) item details.
3. To display OFP MEL/CDL info in the Fuel Order Form.

## 2. Requirement Scope

### 2.1. In Scope

As part of this change following requirement is considered for scope of the application delivery: -

- To enable Fuel Order Form for all Ex-Stations passenger flights for MH and FY carrier codes.
- To receives MEL(Status OPEN) details from AMOS system and update into AODB for display in the Aircraft Status details. The file format is CSV. The file transfer is in real time(as and when the MEL is created). AMOS will be using Aircraft Status Report & WO info as a baseline.

The MEL details info from AMOS are as below:

1. Aircraft type
2. Aircraft Registration Number
3. WO Number
4. Issue Date
5. Due Date
6. Plan Date
7. Due Hours
8. Due Cycle
9. MEL CAT
10. MEL Ref (to be included in FOF)
11. ATA (to be included in FOF)
12. MEL Description (to be included in FOF)
13. Action Seq
14. Action Taken

The extracted data in CSV format from AMOS and EAI will convert the file to XML and feed to AODB. AODB will receive the data from AMOS as an when a new MEL is created where new set of all open MEL data is to be extracted. AODB will change the previous data as inactive and insert new lines based on the new MEL data received.

**AMS Scope:**

- New icon for Aircraft Status to be created in MHMessenger.
- 'Aircraft Status' page for MEL info details as in Aircraft Fight log as below which display only aircraft registration number. Aircraft registration search option to be included for Tech Crew to search for specific aircraft.
- Aircraft status page will display the MEL data in table format which will include all open MEL for the specific aircraft registration number.







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Assistant Manager, IT

CE & Ops Intelligence

AIRCRAFT STATUS

9M

MXS

MH0174 / 2021-04-20 / KUL

20/04/2021 07:37 AM

Previous >

9M

MXB

MH2612 / 2021-04-20 / KUL

20/04/2021 06:50 AM

Previous >

INRAKAD

[NRAKAD1]



Figure 1 All open MEL to be included in the same page regardless of the sectors

#### BU Scope:

a) None.

#### 1.1. Prerequisites, Assumptions, Dependencies, Limitations, Constraints

- **Prerequisites**  
AMOS send MEL(Status OPEN) info to AODB for data capture.  
To enable Fuel Order in MHMessenger for all passenger flights Ex-Stations including MH and FY flights.
- **Assumptions**  
Information displayed in MHMessenger is for viewing only. No modification function to be developed.
- **Dependencies**  
AMOS will provide all MEL (Status Open) for every set of data sent to EAI. This is required for AODB to filter out MEL (Status Close) from previous batch of data.
- **Limitations**  
NA
- **Constraints**  
NA

## **2. Appendix**

### **2.1. Appendix A**

NA

### **2.2. Appendix B**

NA



## BRD SIGN OFF REPORT

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