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RAMCO AVIATION SOLUTION
VERSION 5.9

USER GUIDE

FLY ANYWHERE APP

content

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1 INTRODUCTION

GOAL: To have an overall understanding of the FlyAnywhere App available in the Ramco Aviation Solution

OBJECTIVES:

To guide the participants in using the app for the below-mentioned business scenario.

To provide the functionality and User Interface details.

EXERCISES:

Instructor demonstrates how to perform the exercise while the participants follow along.

After the completion of the training session, participants can perform these exercises individually following step-by-step instructions provided.

ADDITIONAL REFERENCES:

Ramco User Guide can be referred to understand the detailed functionality over and above class room training.

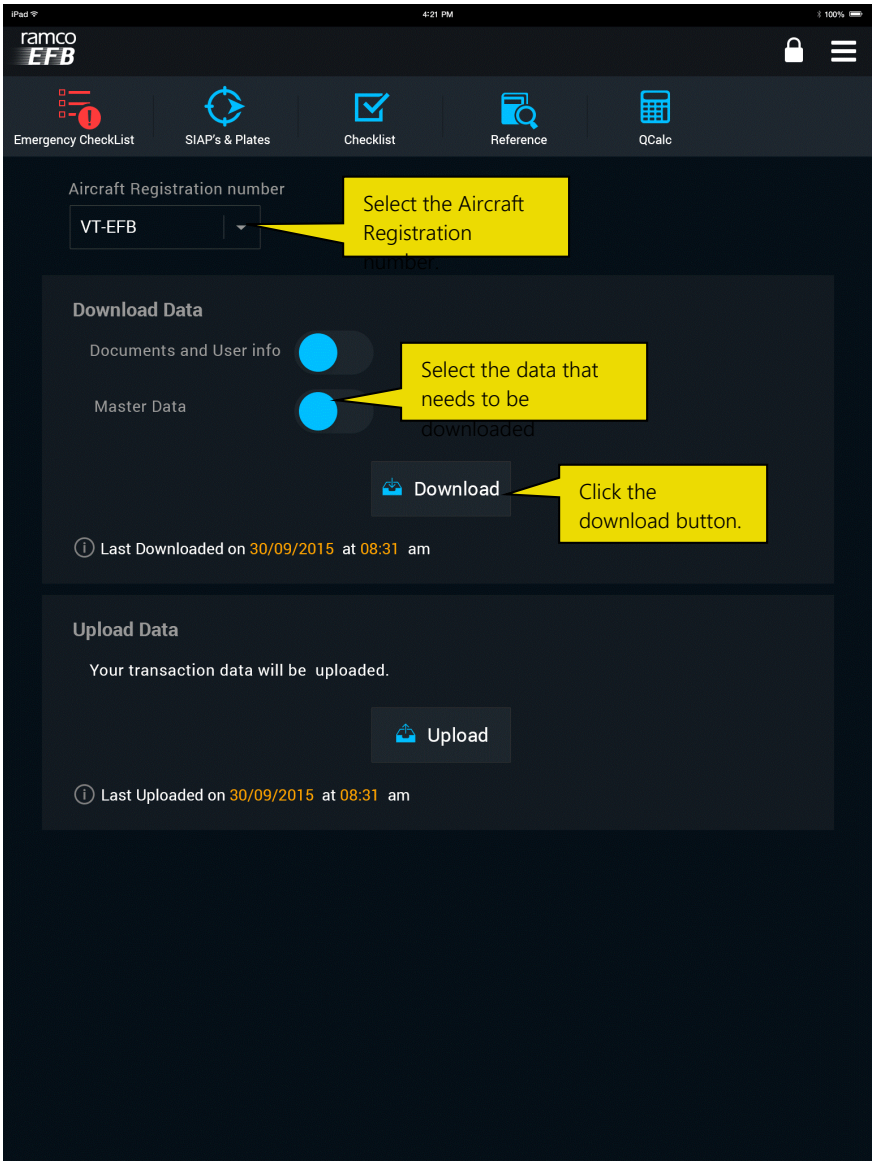
Solution confirmation reports can be referred to understand the details of the roles

2SYNCHRONIZATION SCREEN

Discrepancies uploaded in FlyAnywhere	Discrepancies retrieved in the M & E suite from FlyAnywhere with Status and Attributes
The user has added one or more discrepancies for a leg/journey/without journey reference in Open statuses in the Discrepancy and Delay page (across legs)	The system creates all these discrepancies in the Pending status in Maintain Discrepancy Information screen with all the information provided against the discrepancy from FlyAnywhere
The user has added discrepancies for a leg/journey/without journey reference in the Closed status in the Discrepancy and Delay page (across legs)	The system creates all these discrepancies in the Closed status in Maintain Discrepancy Information screen with all the information provided against the discrepancy from FlyAnywhere
The user has added one or more discrepancies for a leg/journey/without journey reference in the deferred statuses in the Discrepancy and Delay page (across legs)	The system creates all these discrepancies in the Deferred status in Maintain Discrepancy Information screen with all the information provided against the discrepancy from FlyAnywhere

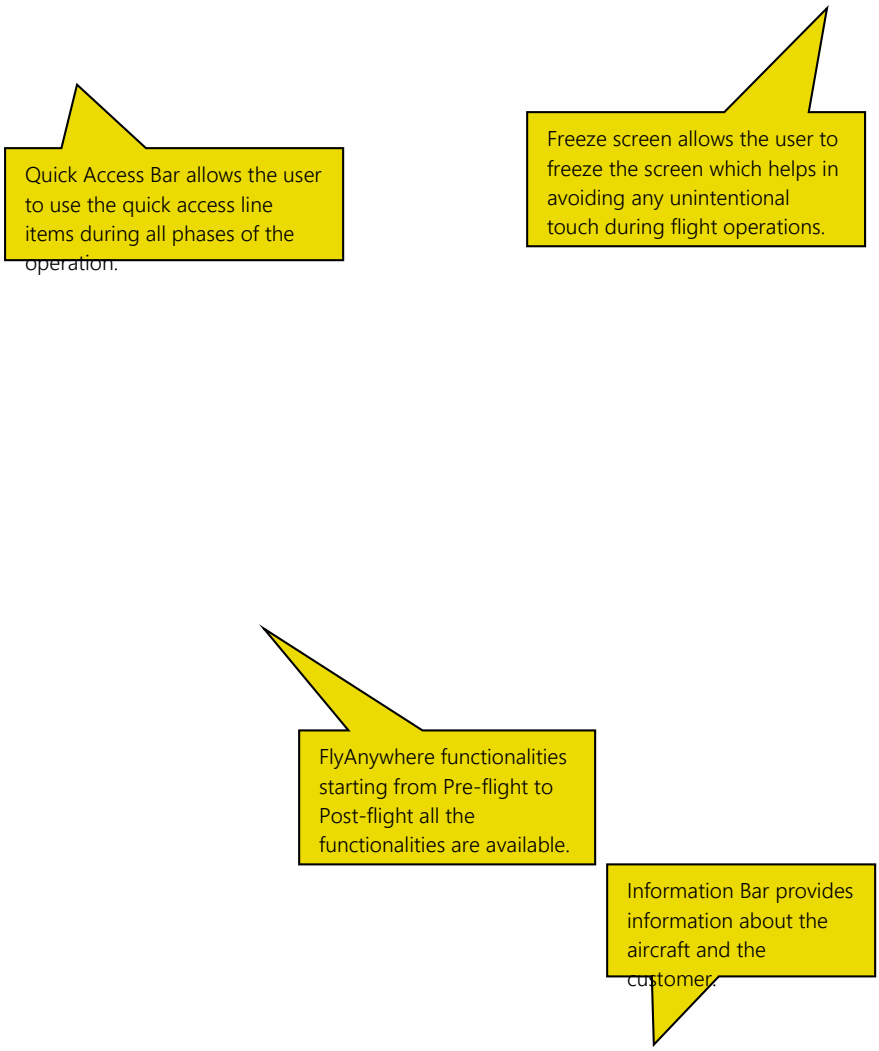
2.1 SYNCHRONIZE THE DEVICE TO THE M&E SYSTEM

Product	FlyAnywhere
Screen name	Synchronization screen
Activity	Application synchronization
Role	Flight Operations / Pilot



3 LANDING SCREEN

3.1 LANDING SCREEN WITH FLIGHT INFORMATION



4 AIRCRAFT DETAILS

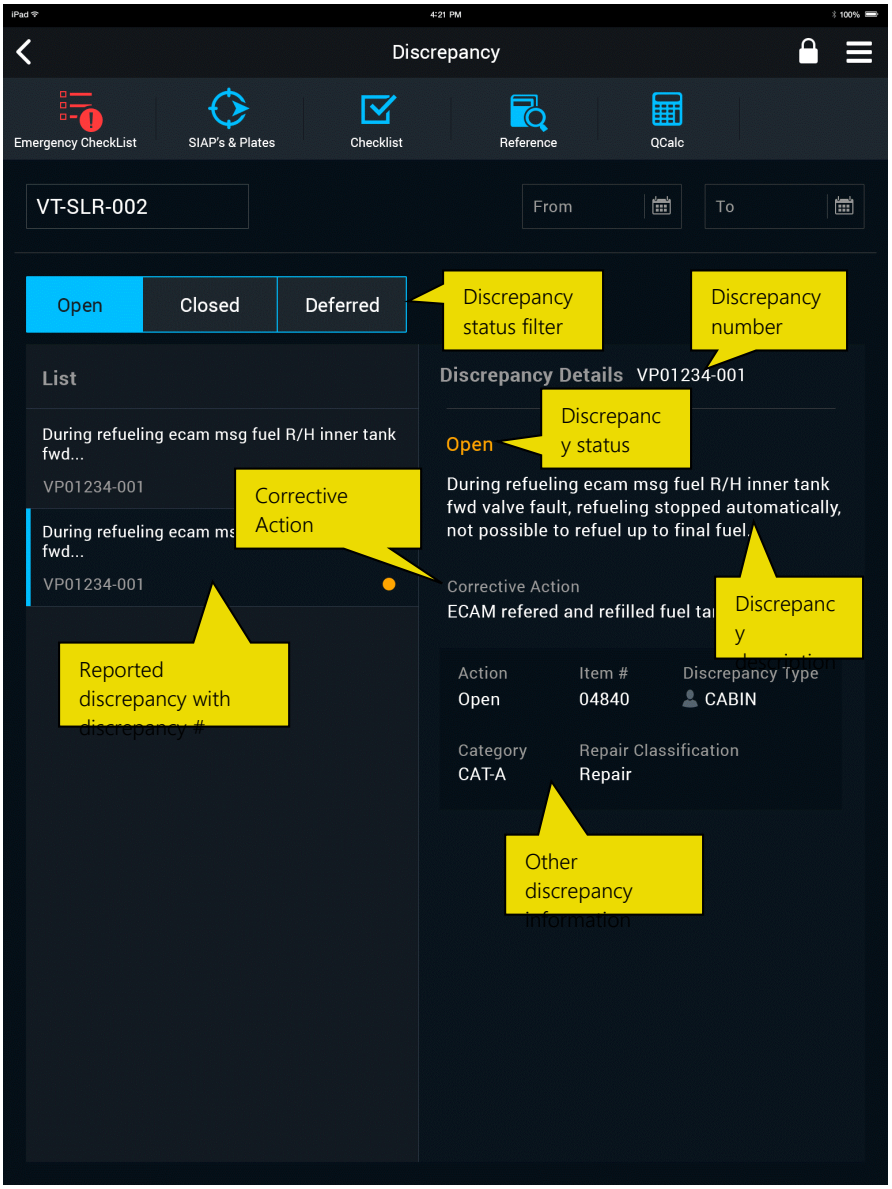
4.1 AIRCRAFT DETAILS SCREEN

The Aircraft Details screen helps the Pilot to understand the complete information about the aircraft that is to be used during the flight operations. Total Flight hours and Flight Cycle count is listed with the Due difference to help the pilot in identifying how many hours of flight time is possible by the aircraft.

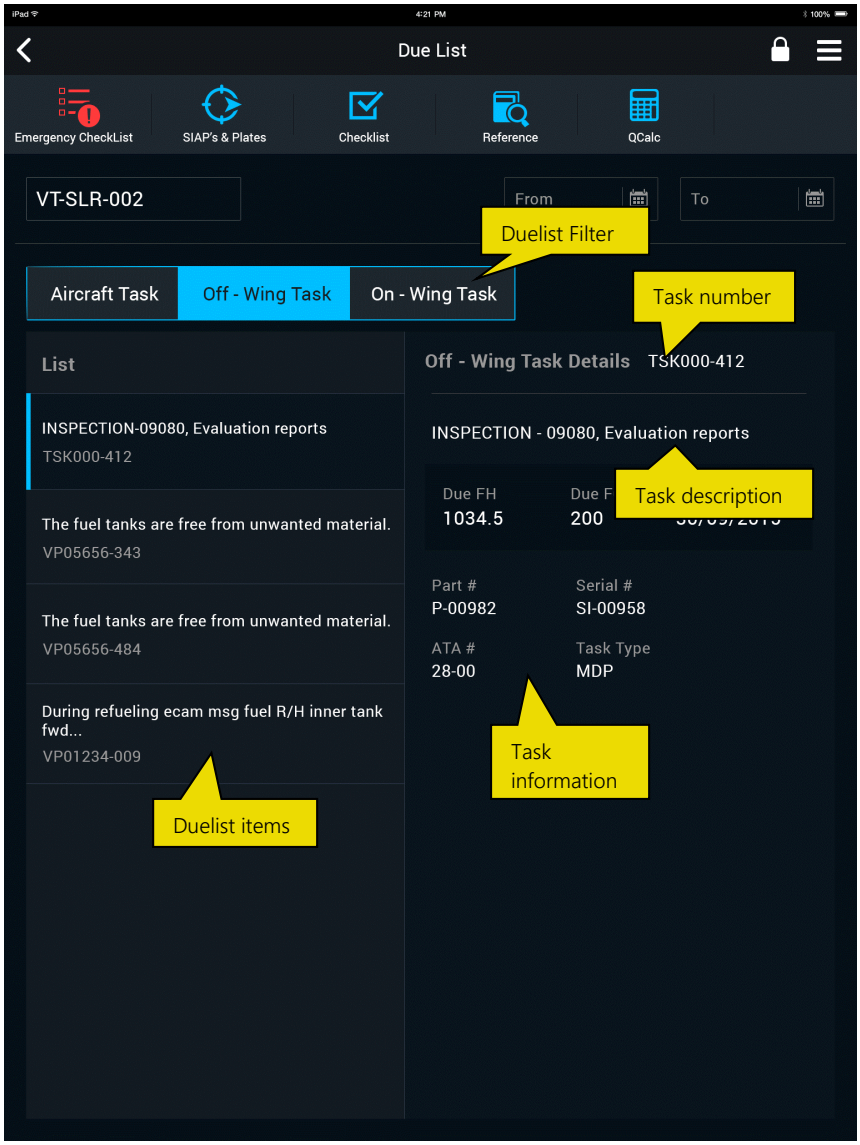
The Discrepancy Information is clearly stated using filters for Open, Closed and Deferred line items. The Pilot will be able to view the discrepancy respectively. Aircraft Due list is also provided for the pilots to gain additional information about the due tasks.

4.2 VIEW MAINTENANCE RECORDS

Product	FlyAnywhere
Screen name	Discrepancy details screen
Activity	View Maintenance records
Role	Flight Operations / Pilot

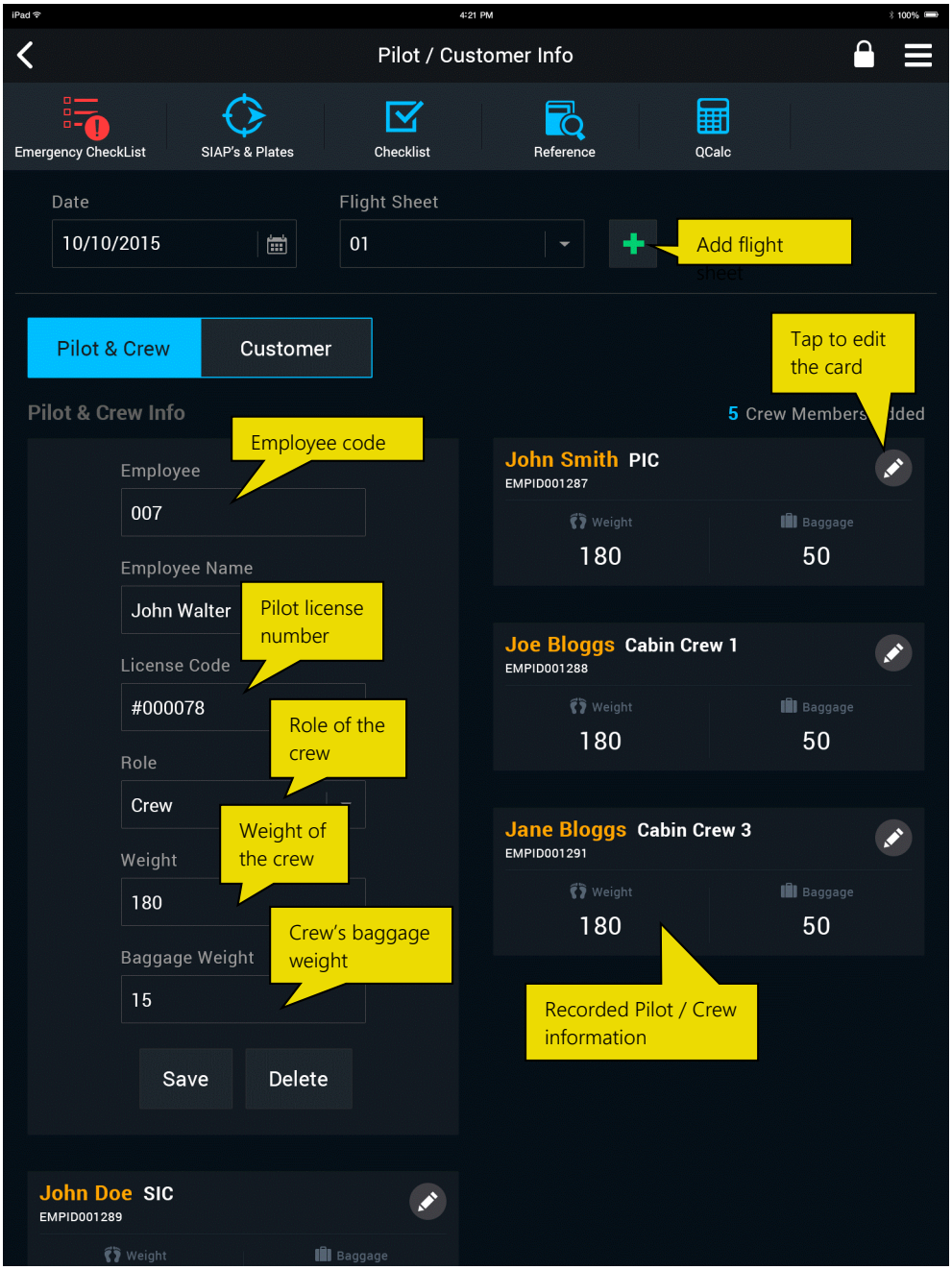


Product	FlyAnywhere
Screen name	Duelist details screen
Activity	View Maintenance records
Role	Flight Operations / Pilot



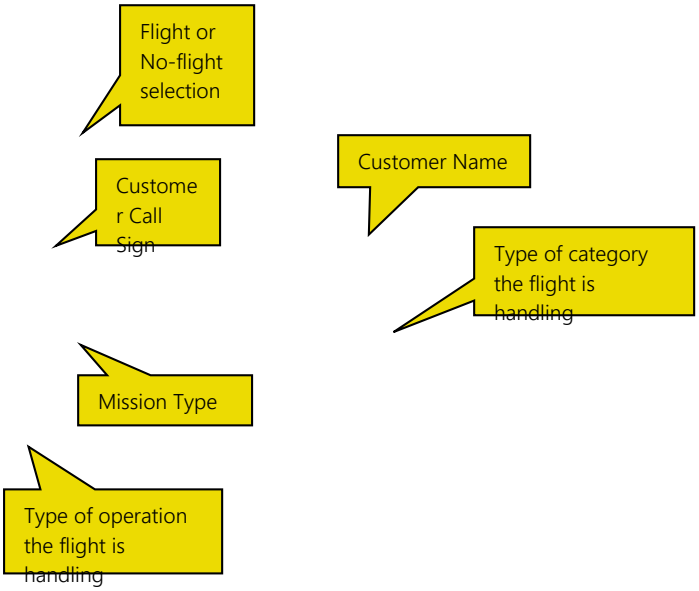
5 PILOT AND CUSTOMER INFORMATION

5.1 PILOT AND CREW DETAILS SCREEN



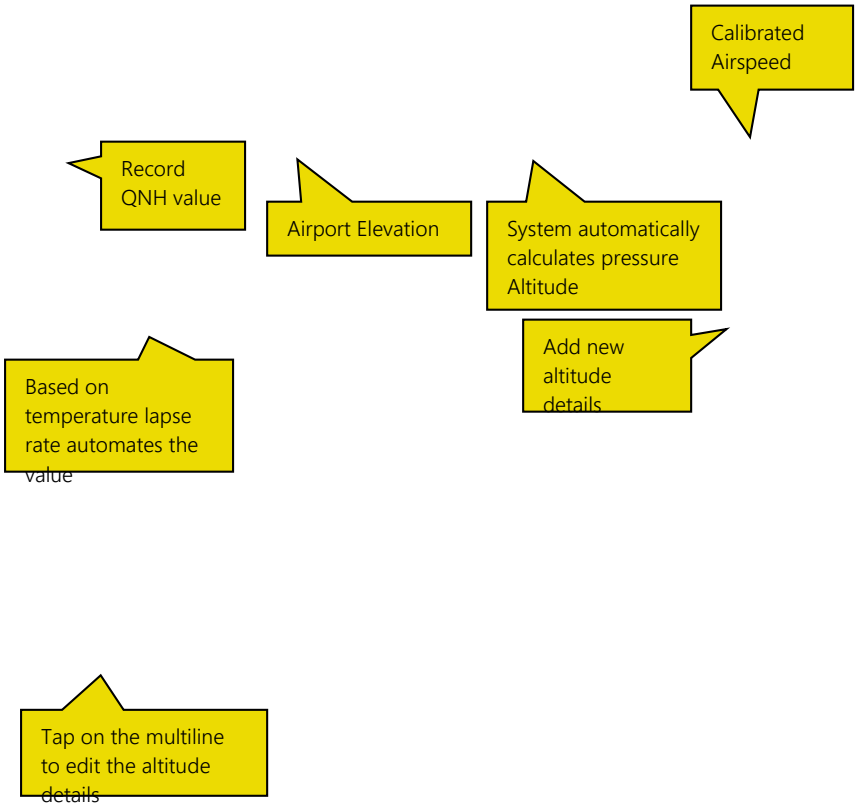
5.2 CUSTOMER INFORMATION SCREEN

The Customer information is recorded using the Customer tab. Customer call sign is recorded by which Customer name is defaulted. Flight operation and Flight Category information is also captured. The Flight operation/Pilot will be able to provide the mission details.



5.3 RECORD WEATHER FORECAST INFORMATION

The weather screen enables the pilot to record the Forecasted weather for the respective area of interest. The top section of the screen allows the Pilot to capture the Pressure Altitude by providing the Field pressure and Airport elevation information. The CAS value is also recorded which can then be used for planning the route. The Pilot can then record the forecast weather information under Wind Aloft section which is a spinner based design. The Pilot can also set the temperature calculation as automatic by which standard elapse rate (1.98 deg.C) is applied.

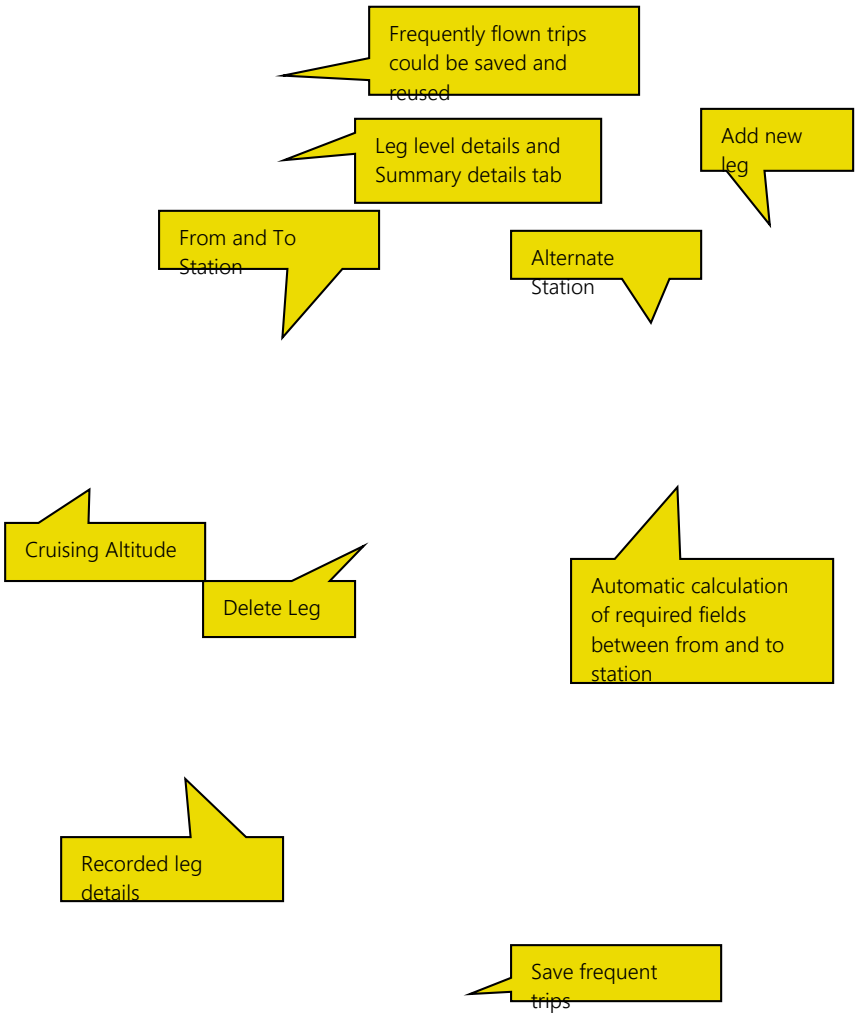


6 FLIGHT PLANNING

6.1 PLAN THE FLIGHT ROUTE

Planning the path for the flight operation is achieved using the Flight Planning screen. The Pilots can key in the required station information for the flight path. The system calculates the Magnetic Heading, Distance, Required fuel and Flight time between the From and To station. Cruising Altitude can also be defined by the Pilot.

If a specific flight path is followed on regular basis the pilots can save the trip and re-use as required.



6.2 PLAN THE FLIGHT ROUTE

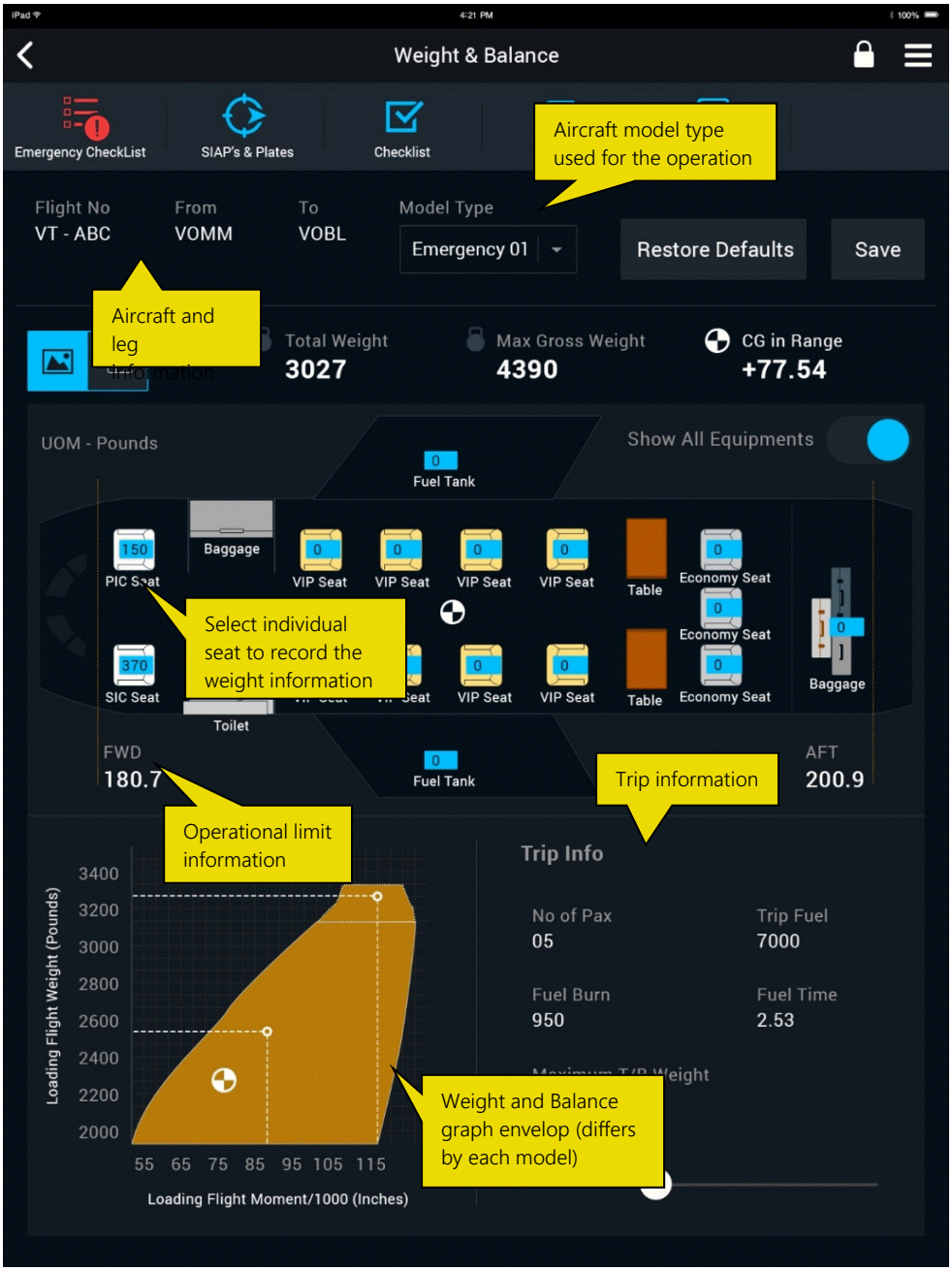
Product	FlyAnywhere
Screen name	Flight Planning
Activity	Summary level information of recorded legs
Role	Flight operations / Pilot

7 WEIGHT AND BALANCE

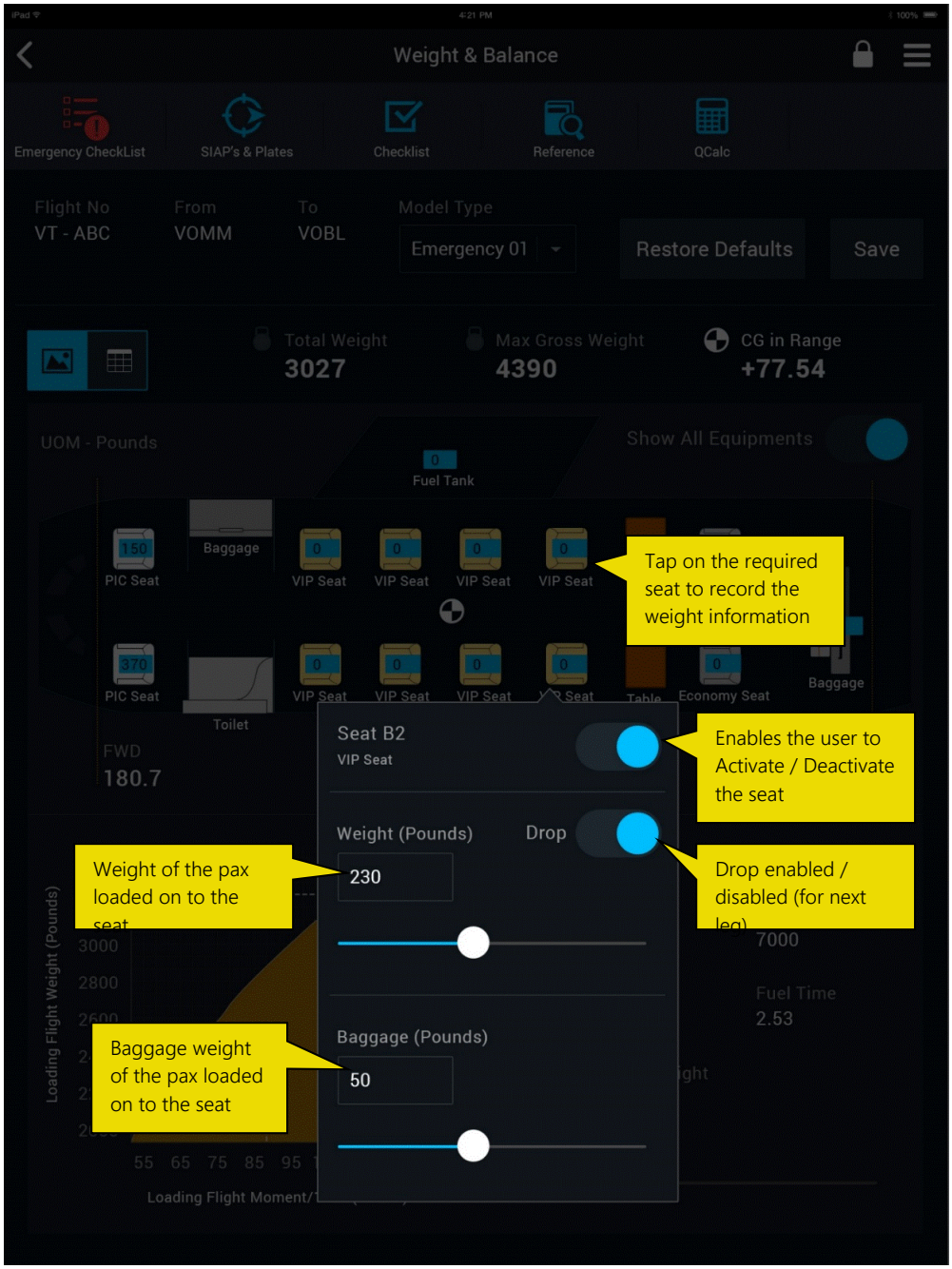
7.1 CALCULATE WEIGHT AND BALANCE FOR INDIVIDUAL SEAT (PICTORIAL VIEW)

The Center of Gravity (CG) calculation is achieved using the Weight & Balance screen. The Pilots can view a pictorial representation of the aircraft along with the seat & cargo configuration. The Pilot will be able to tap on the respective seat / cargo section and load the weight. If the pax has to be dropped for the next leg of the flight the pilot will be able to select the drop seat option.

The CG graph envelop is also available for the Pilot to ensure the CG is within the limits.

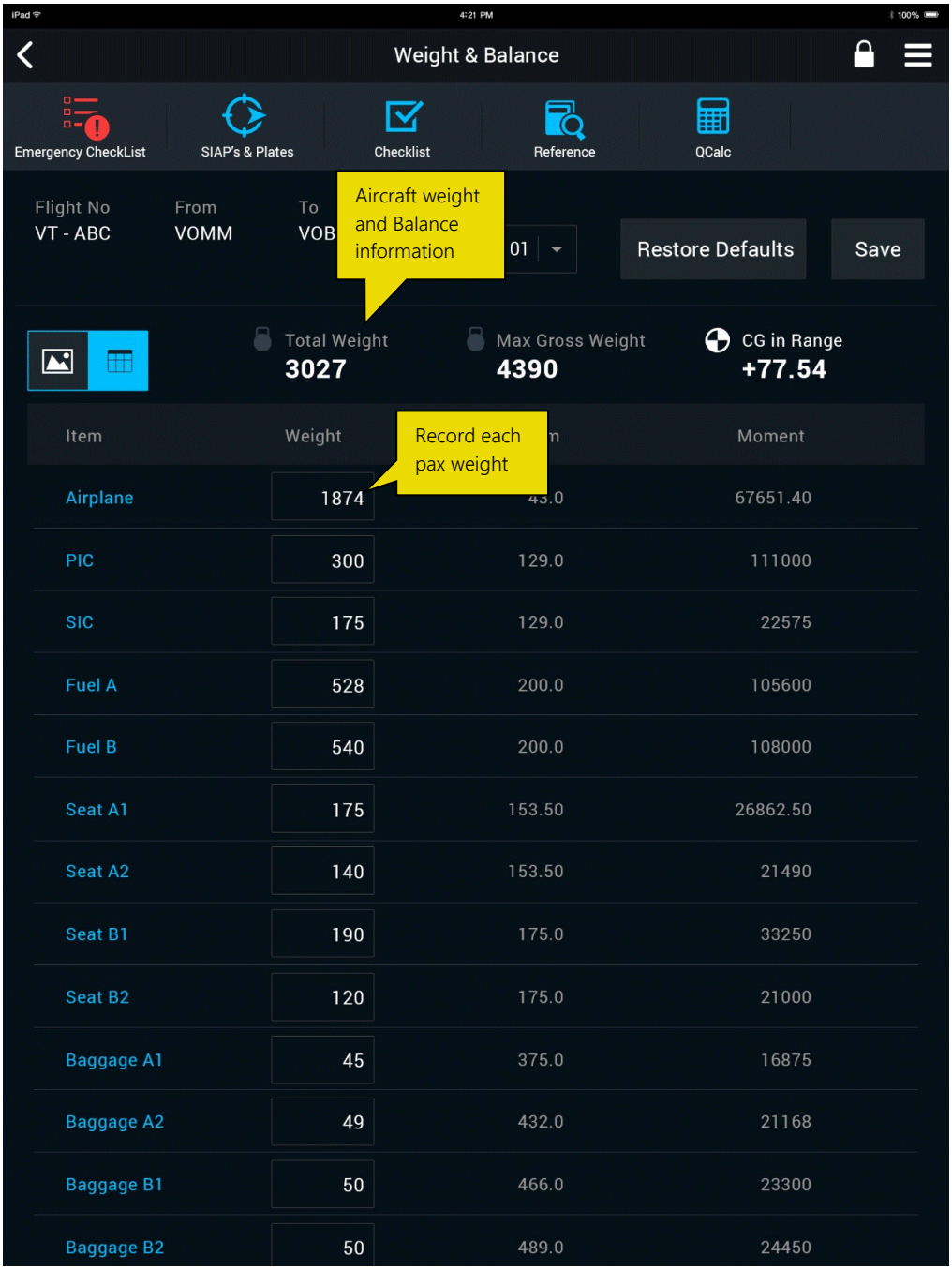


The Pilot can tap on the respective seat and the pop-out (refer image below) appears from which the Pilot will be able to ensure the seat is active in condition, Drop is applicable or not and weight information for the pax.



7.2 CALCULATE WEIGHT AND BALANCE FOR INDIVIDUAL SEAT (LOAD AND TRIM VIEW)

The traditional Load and Trim sheet is also available for the Pilot to calculate the Center of gravity limits. The Pilot can provide the individual weights for the respective seats and the system can automatically calculate the CG value.



8JOURNEY LOG

8.1 RECORD JOURNEY LEG DETAILS

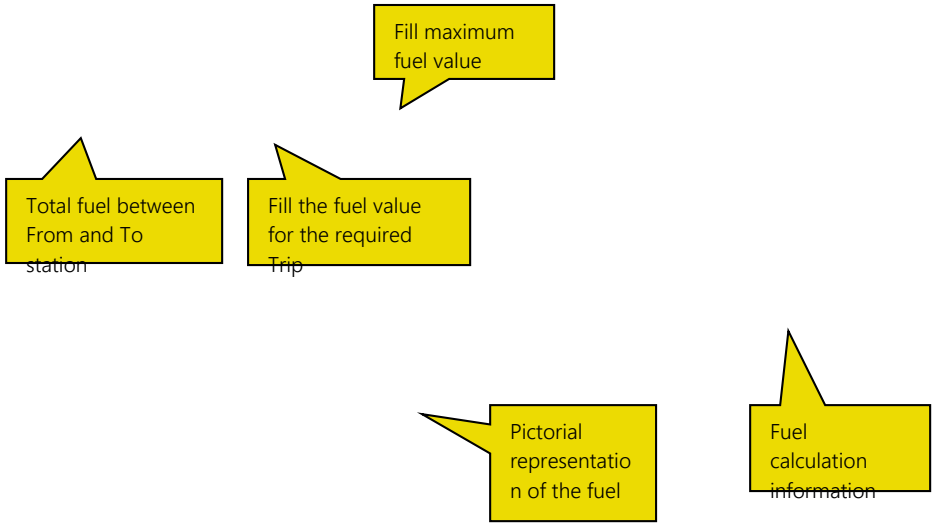
The complete in-flight operations are recorded using the Flight log screen. The flight route that is planned during the flight planning is used under leg details tab. The Pilot will be able to manually key in the destination as required.

The CG limits will also be indicated for the pilot to understand the state of the aircraft. The Live action buttons provided on the bottom of the screen aids the pilot to record the Takeoff and Landing timing easily.

Any Discrepancy and delay information can also be recorded from this screen.

8.2 RECORD SPEED AND FUEL DETAILS

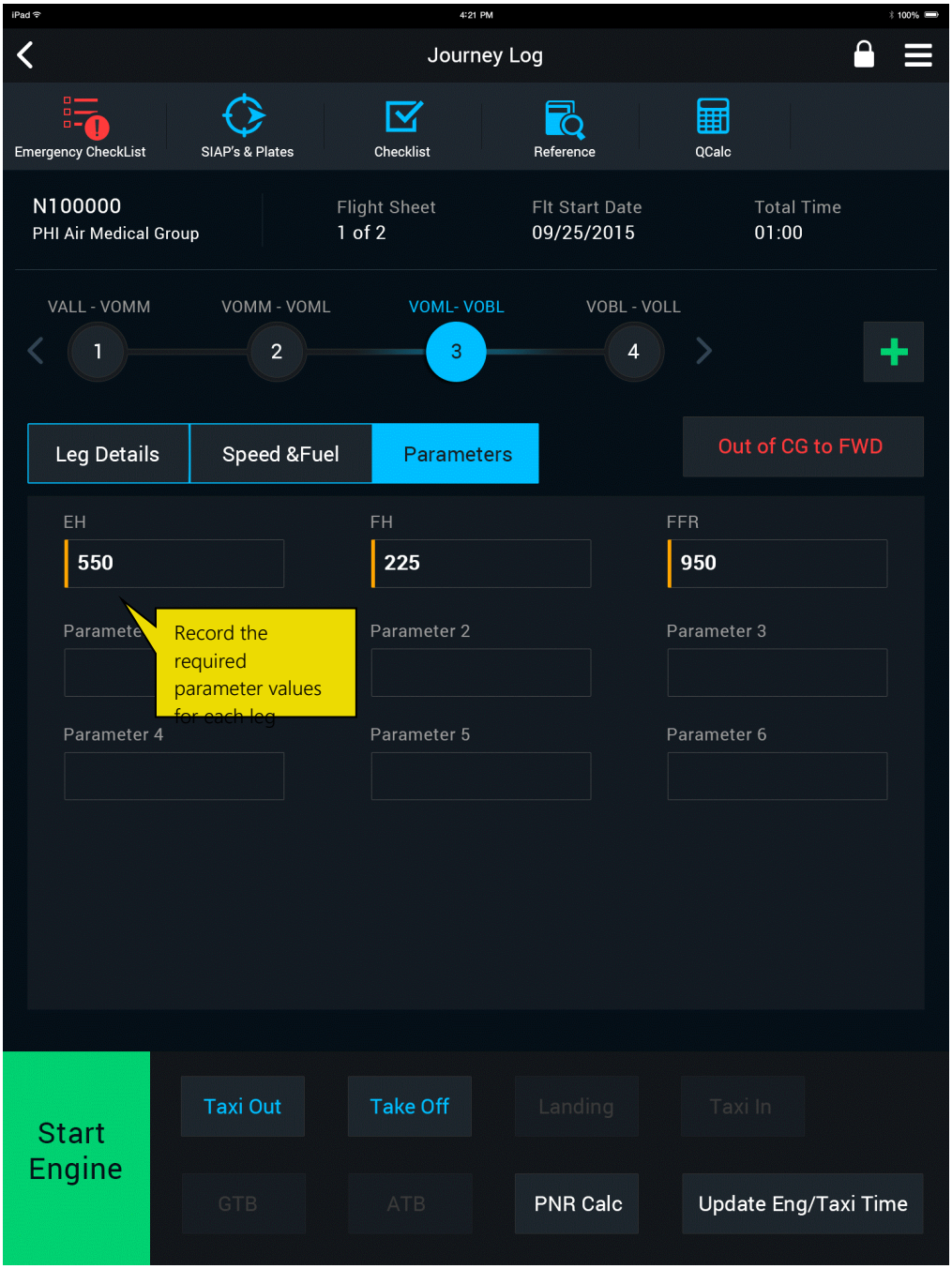
Based on the aircraft set-up that's carried out in the EFB Central, the number of tanks are illustrated in the Speed and Fuel tab. Total number of tanks with the respective fuel value either the required fuel for the trip or fully loaded (Max) fuel is clearly indicated. The Speed details provided in the flight planning screen is also listed as part of this tab.



8.3 RECORD PARAMETER DETAILS

Based on the type of operation performed during the flight the parameter values can be updated using the Parameter tab.

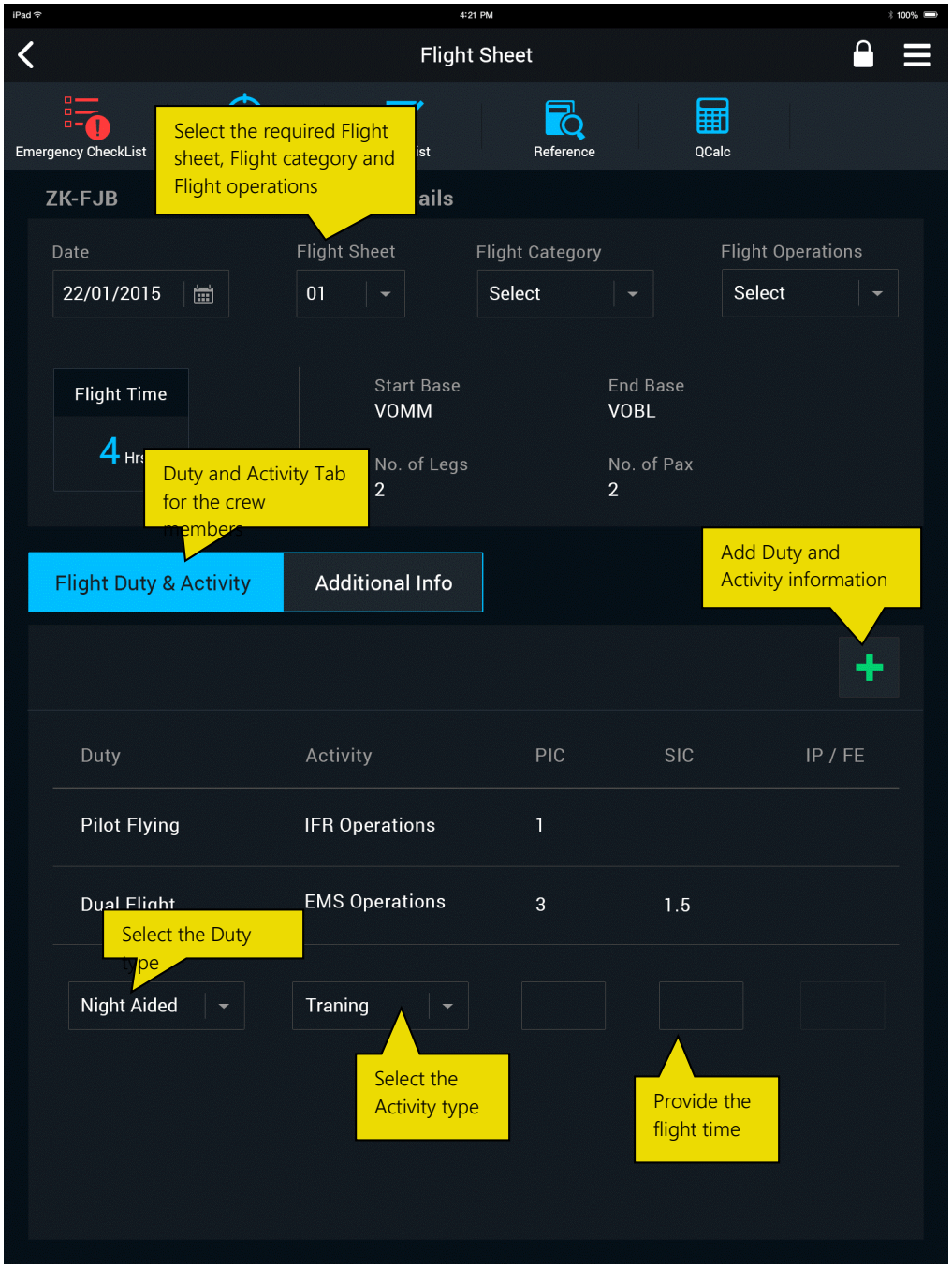
The leg level parameters can be updated accordingly.



9 FLIGHT SHEET

9.1 RECORD PILOT DUTY & ACTIVITY INFORMATION

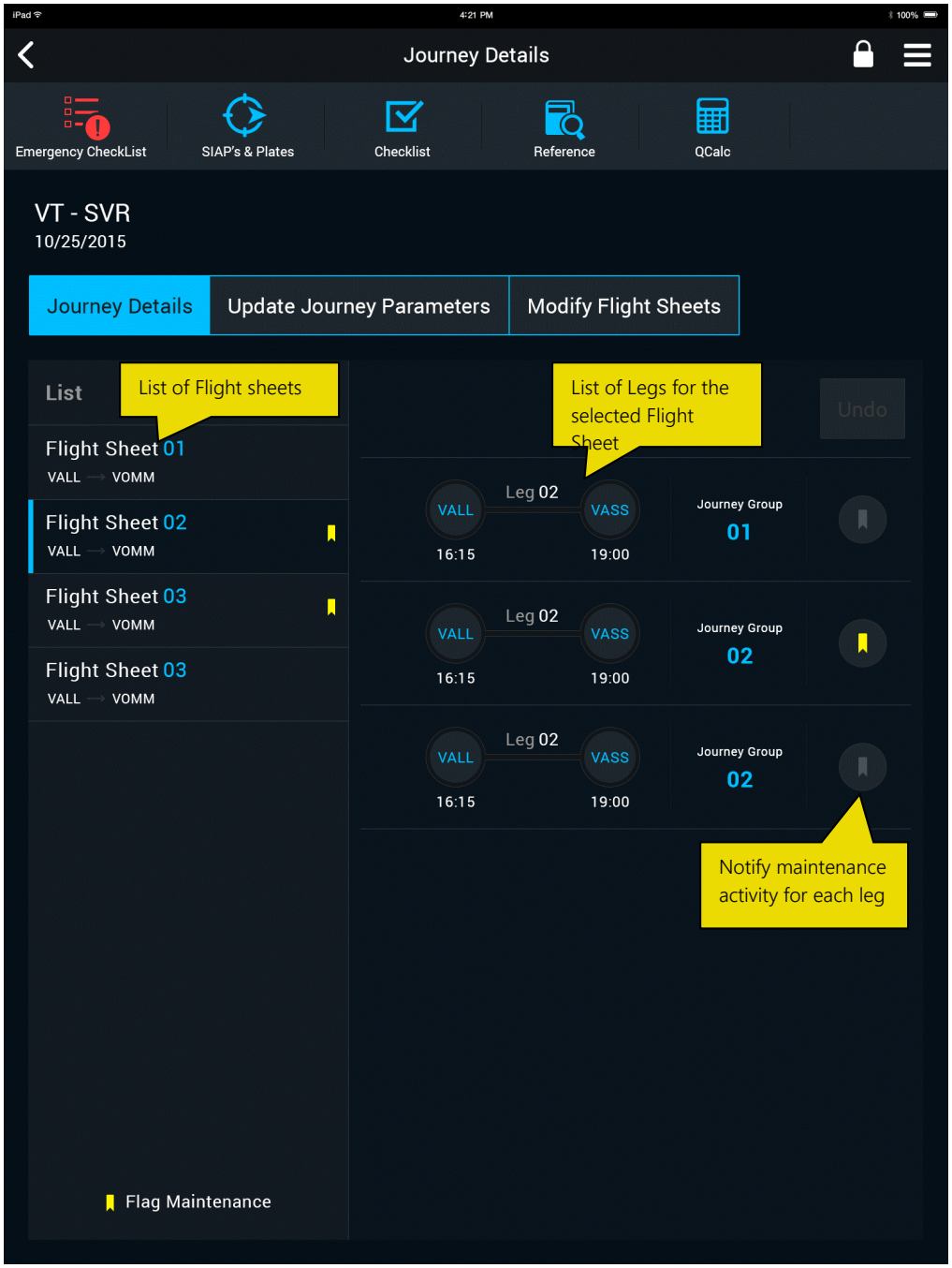
The Pilot Duty and Activity screen acts as a digital logbook to the pilot. The Duty and activity performed during the flight operation is recorded. The Pilot will be able to select the type of Duty i.e, Pilot in command or Co-pilot/Crew and record the activity that he/she has performed during the flight.



10 JOURNEY DETAILS

10.1 RECORD JOURNEY DETAILS

After completing a successful flight the aircraft parameters are to be updated and any modification to the flight sheets are to be carried out. The Journey details screen helps pilot/flight operation team to do so. If there were any maintenance related activities that has taken place before the flight that can also be recorded.



10.2 UPDATE JOURNEY PARAMETER DETAILS

Based on the flight operation the parameter values can be updated using the Update Journey parameters tab. List of all the parameters are available for the aircraft and based on the journey group each parameter could be updated.

Based on the flagged maintenance Journey groups are categorized and listed

Parameter values can be updated accordingly

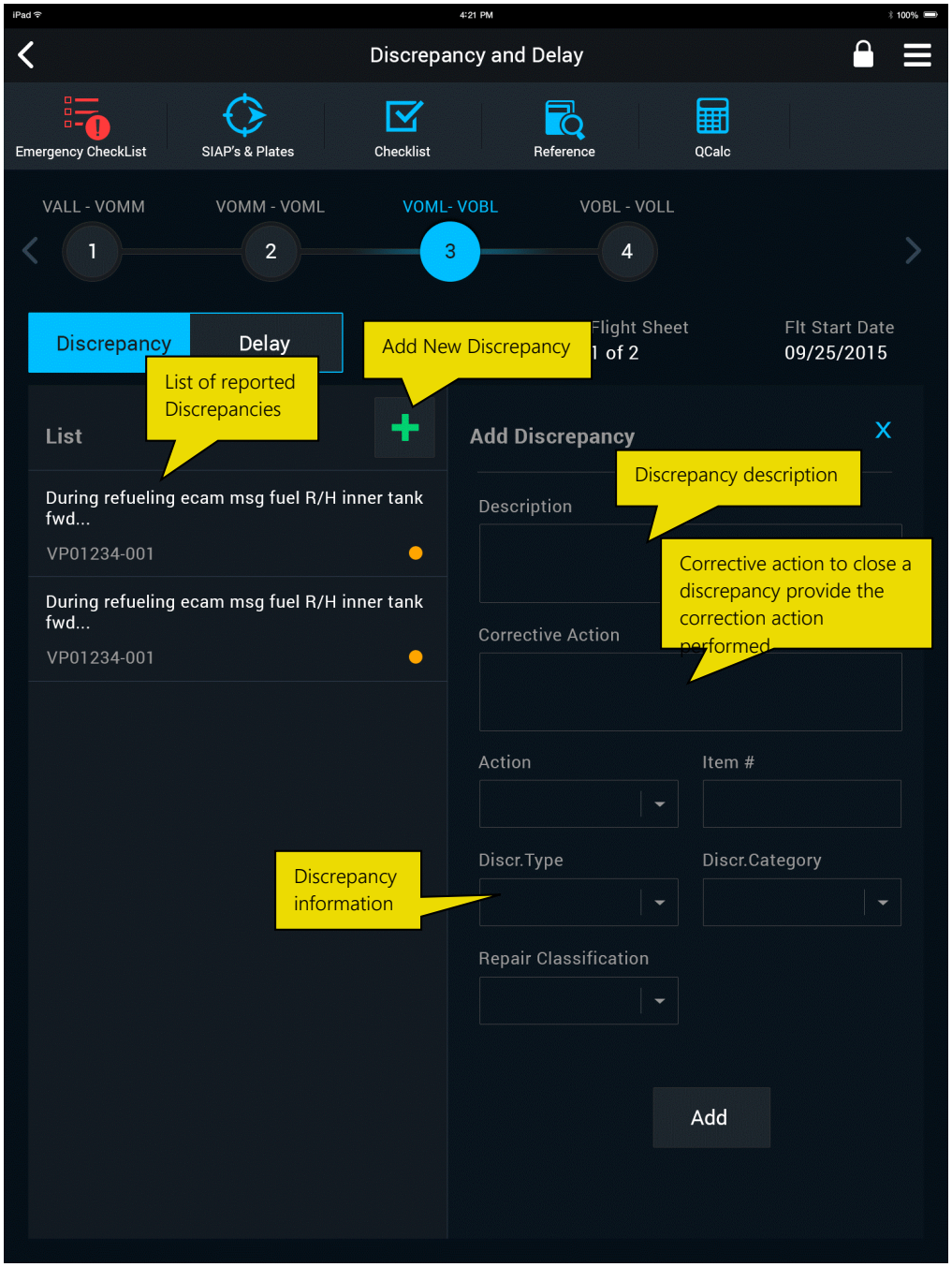
10.3 MODIFY FLIGHT SHEETS

When having multiple flight sheets the modification of leg details helps the pilot/flight operations team to organize the details accurately. The list of leg details are available for the user to move it across to another flight sheet accordingly. Leg details could be moved between different flight sheets recorded on the same date.

11 DISCREPANCY AND DELAY REPORTING

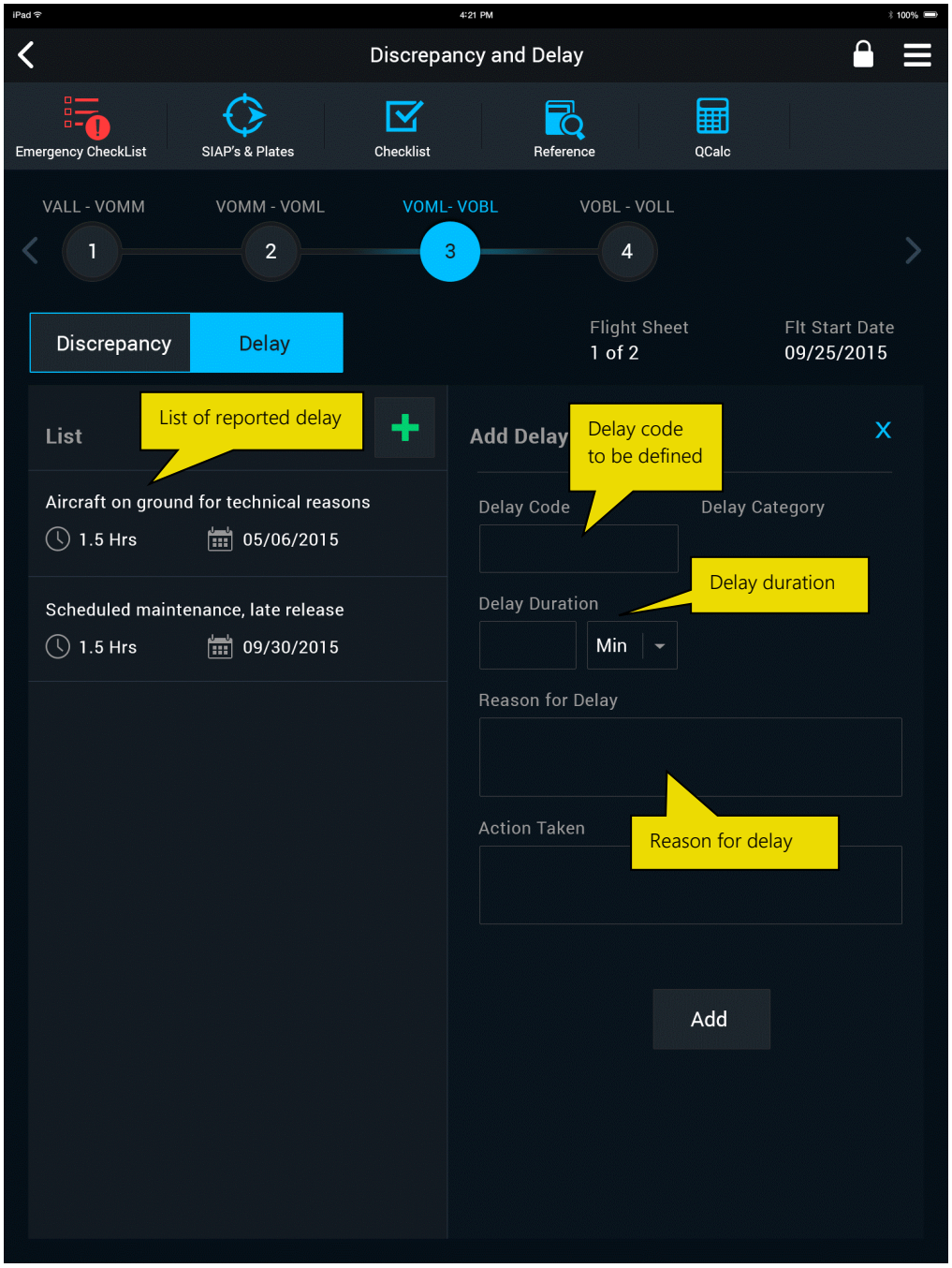
11.1 RECORD DISCREPANCY

All the Pilot reported discrepancies (PIREP) can be recorded using the Discrepancy tab. Description of the discrepancy along with the required type could be mentioned to easily record a discrepancy. The Pilot could even close a discrepancy by providing the corrective



11.2 RECORD DELAY INFORMATION

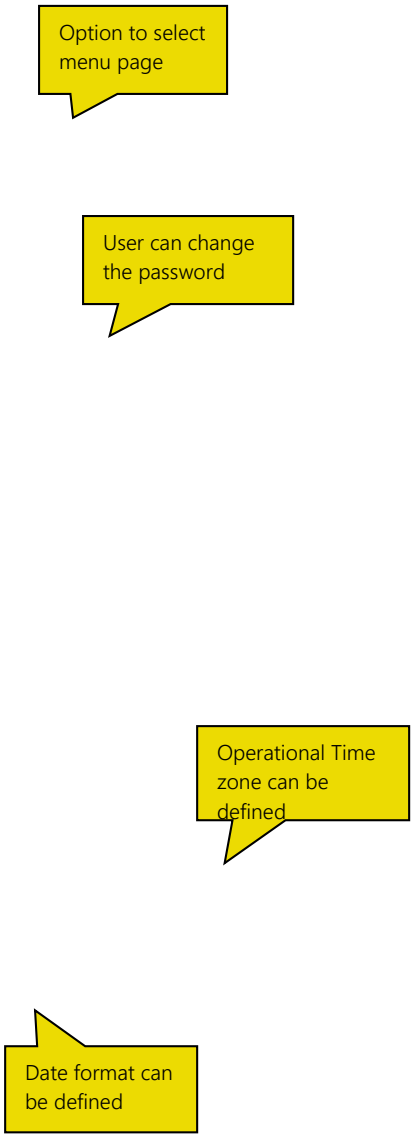
Even the operational delay information can be recorded using the delay tab. Using the pre-defined delay codes the user can easily mention the type of Delay and the duration of delay. The reason of delay is mandatory to be recorded if there was action taken against the delay that can also be recorded as a part of this screen



12 SETTING SCREEN

12.1 APPLICATION AND USER SETTINGS

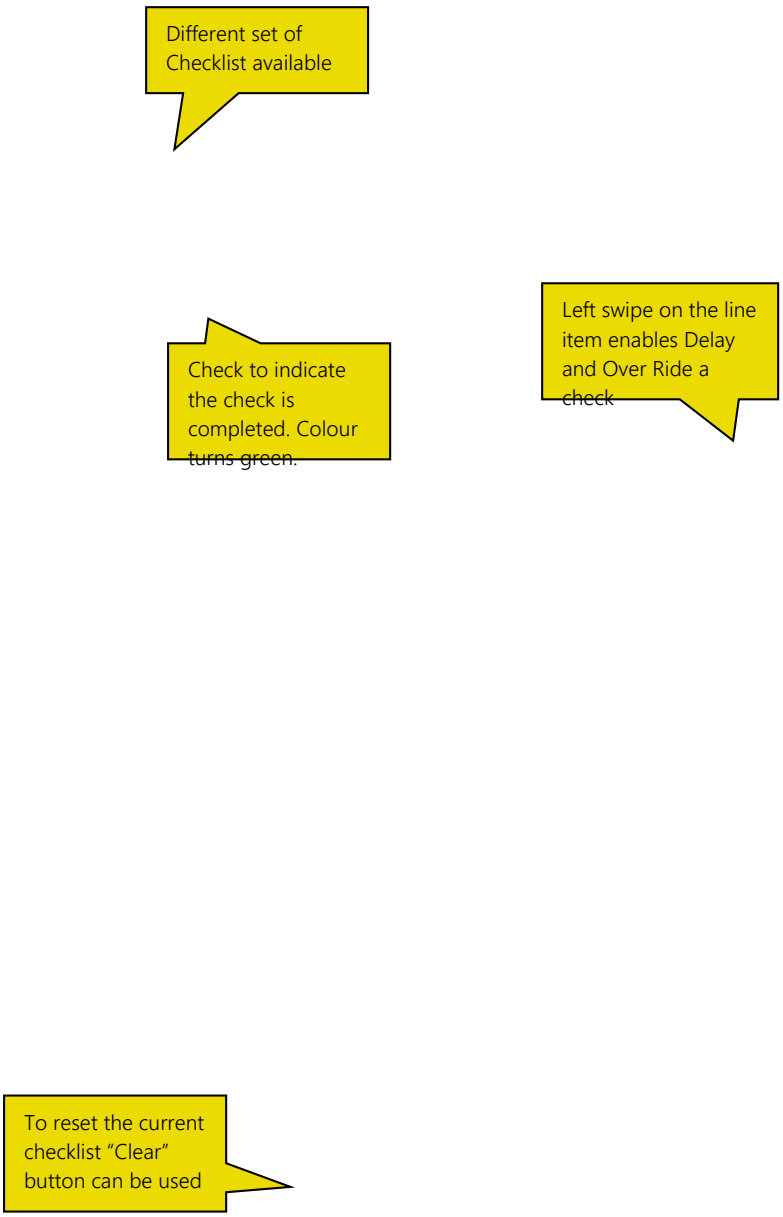
Product	FlyAnywhere
Screen name	Flight Sheet
Activity	Application and user settings
Role	Flight operations / Pilot



13 CHECKLIST / EMERGENCY CHECKLIST

13.1 CHECKLIST

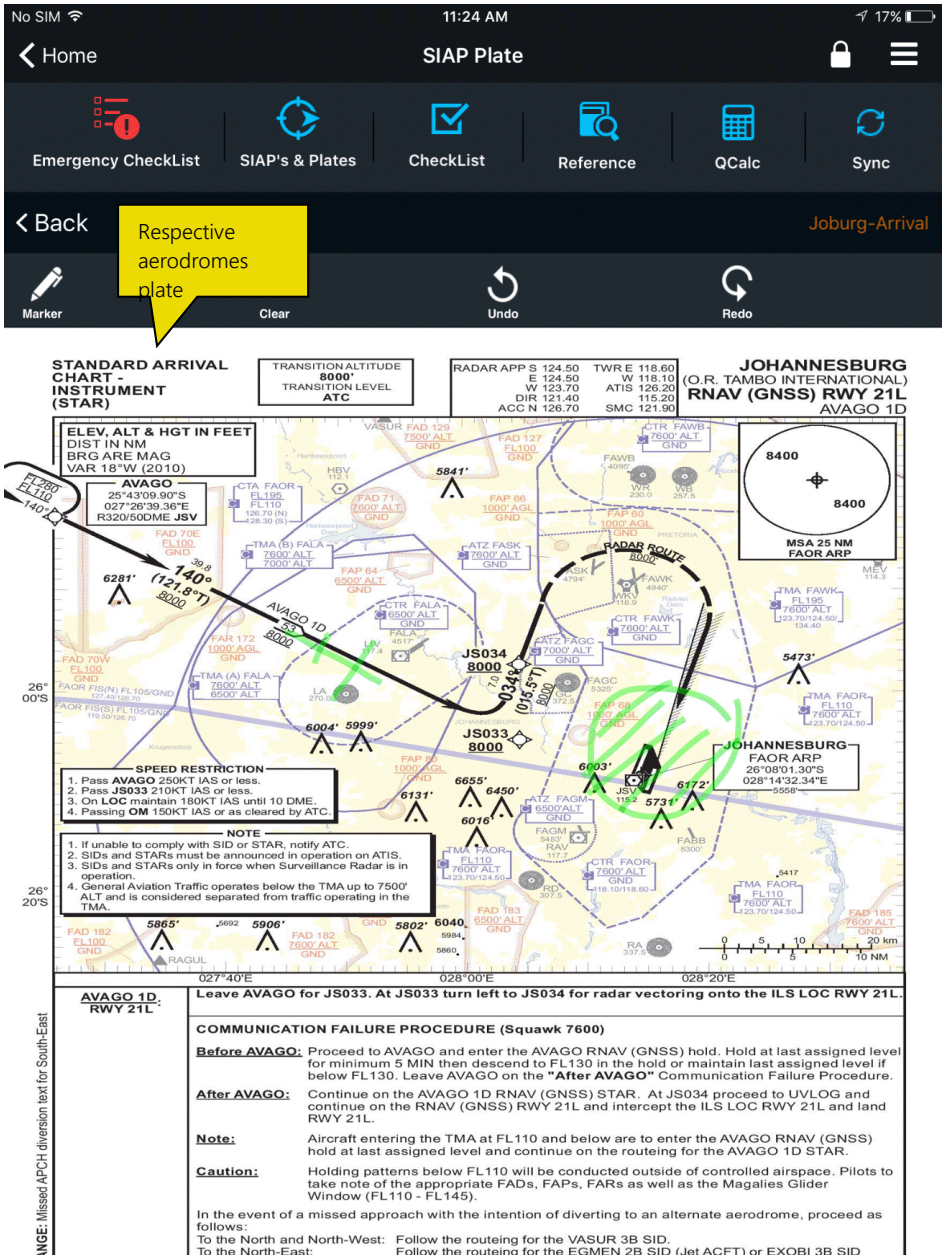
The physical checklist can be loaded to the application and the Pilot will be able to use the digital checklist for the daily routine flight operations. The Pilot can just tap the line items to indicate that the check is completed and the line items color changes to green. By swiping the line items to the left two other options can be accessed by the Pilot, to Delay or Override the check.



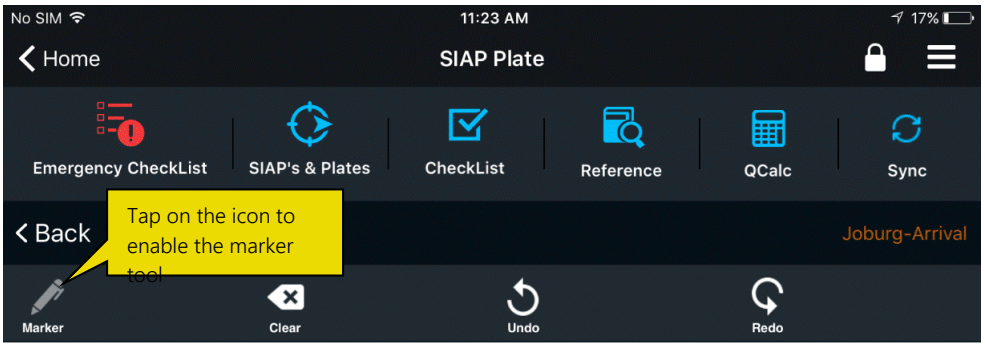
14 SIAP'S & PLATES

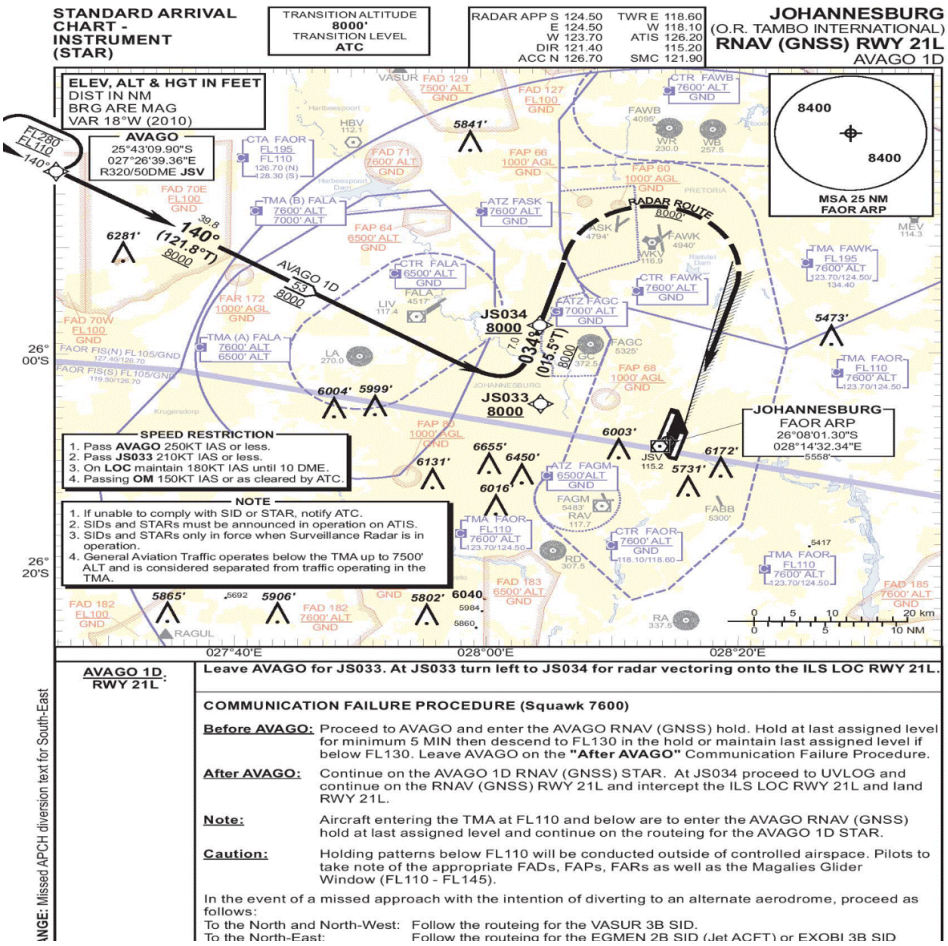
14.1 APPROACH AND DEPARTURE PLATES

The SAIP's and Procedure plates can be loaded to the device and can be helpful to the pilot during the phases of flight. The digital plates can be zoomed in and out using simple finger gestures. A marker feature is available to write on the plate for reference.



Marker feature can be enabled by taping on the Marker icon on the top. Clear icon allows the user to clear the marked content and Redo/Undo features are also available.





15 REFERENCE

15.1 REFERENCE DOCUMENTS

The Pilot will be able upload and store any documents that can be used to refer at any phase of the flight. Aircraft manual, Technical log, Maintenance manual, NOTAM's, MEL and CDL's etc. can be loaded as a part of the reference screen. Zoom in and out feature is also available with simple finger gestures.

Index

Corporate Office and R&D Center

RAMCO SYSTEMS LIMITED

64, Sardar Patel Road, Taramani,
Chennai – 600 113, India

Office : + 91 44 2235 4510 / 6653 4000

Fax : +91 44 2235 2884

Website : www.ramco.com