Reports

User guidance

Contents
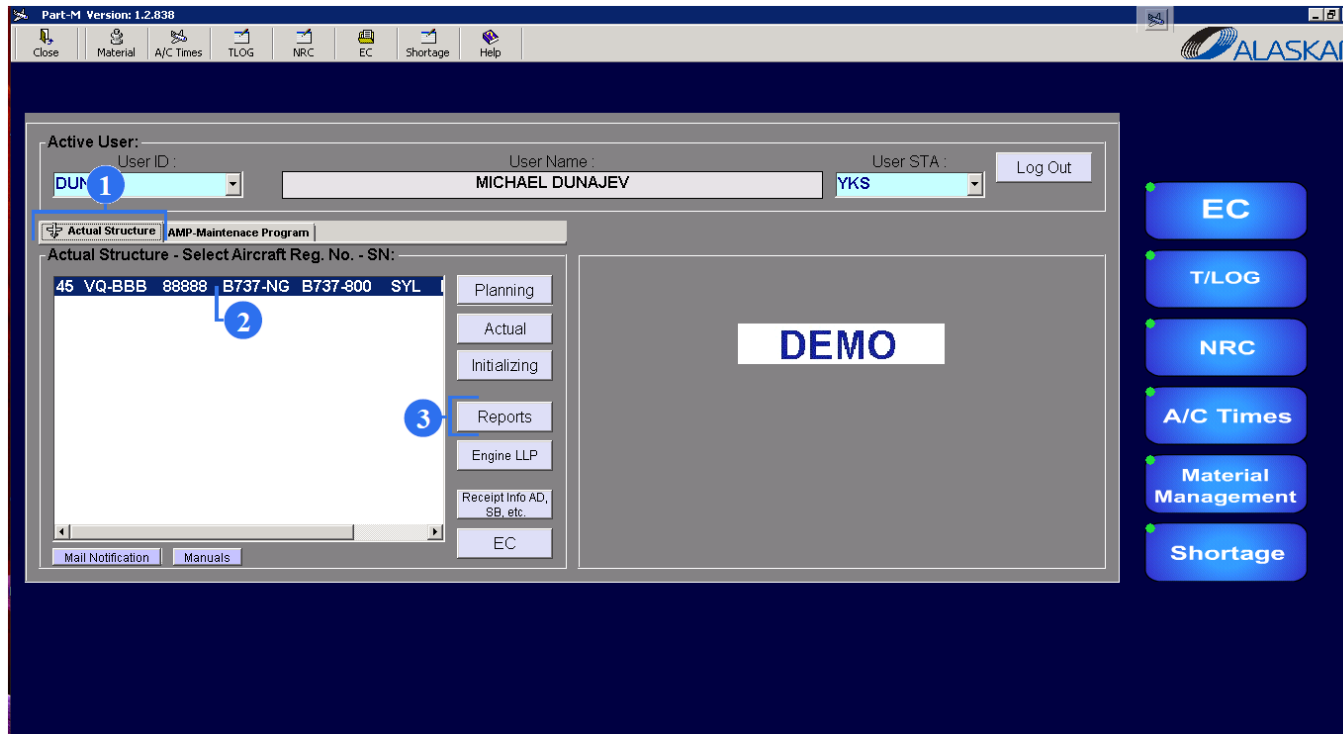
1. Reports

The Reports sub-module is used for printing out final reports on planning, components, tasks-checks, modifications, aircraft-engines and work packages. To open Reports sub-module

1. Select "Actual Structure" tab.

2. Highlight necessary aircraft registration.

3. Push "Reports" button.
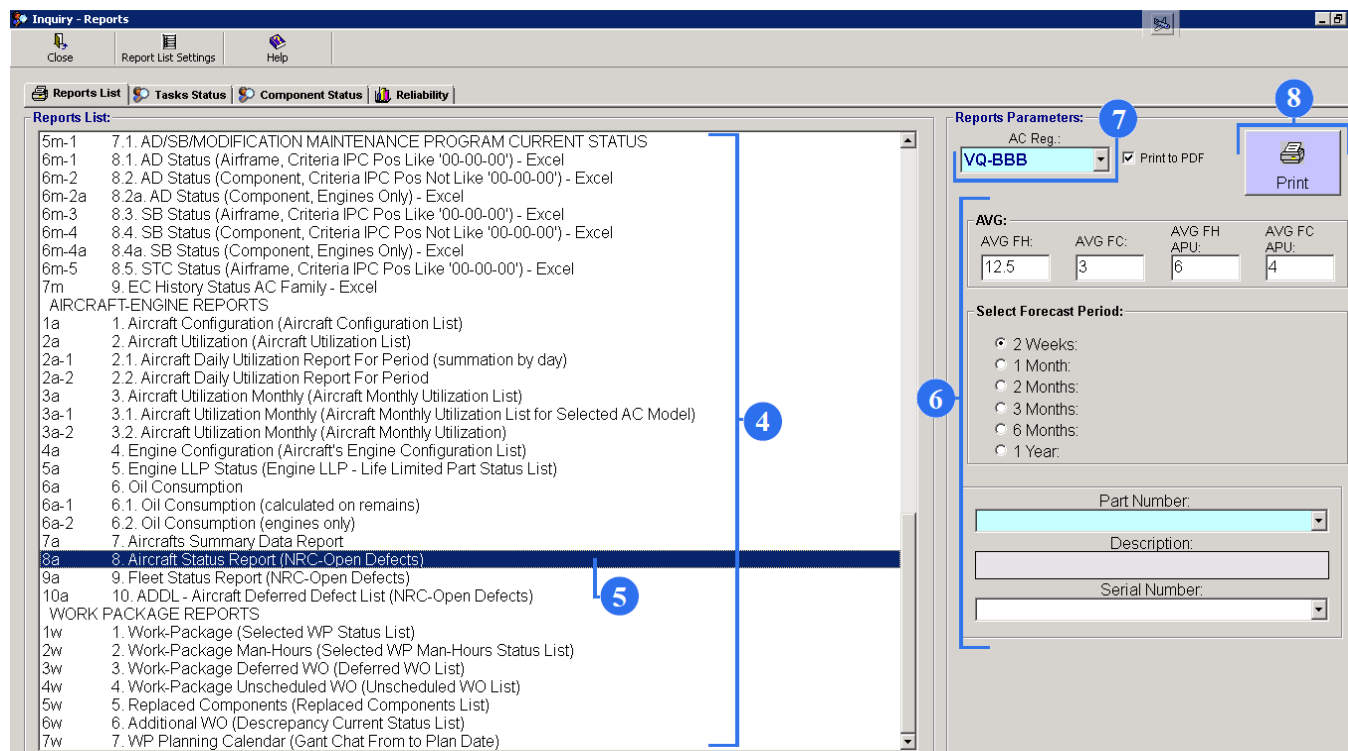
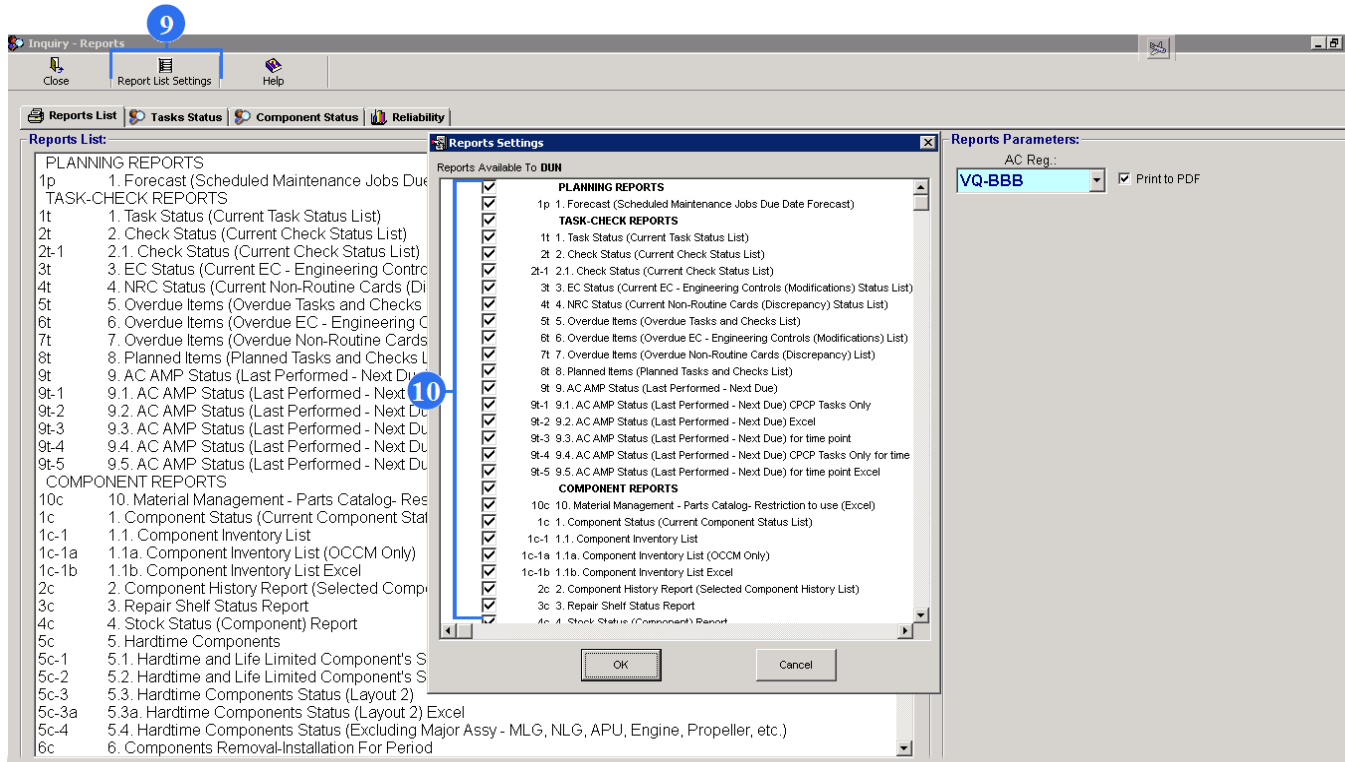4. In the "Report List" screen you can see report type such as:

- Planning

- Task -Check

- Component

- Modification

- Aircraft – Engine

- Work Package

5. Highlight any necessary report.

6. For each type of reports there are several filters, which can be used for accurate data print out.

7. You can change aircraft registration

8. Having selected filter criteria, click on the "Print".

9. On the upper toolbar push on the "Report List Settings" and Reporting Settings screen will be opened.

10. From the whole of the Reports list you can add or remove any ticks. If you remove the tick, the corresponding report will disappear in the Reports List screen. If you add the tick, the corresponding report will appear in the Reports List screen.

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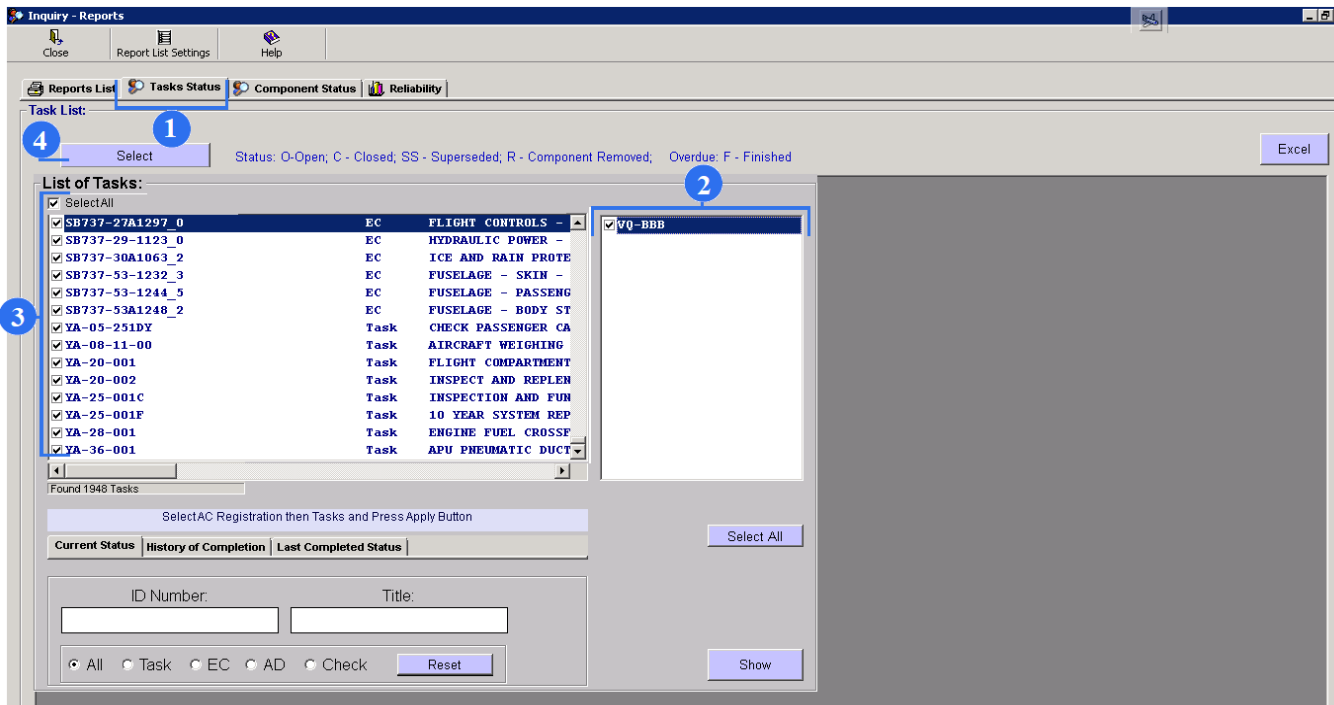
2. Tasks Status

1. To monitor current status of the tasks, history of completion of the tasks or see last completion status of the tasks click on the Tasks Status tab.

2. Select from the whole of the list necessary aircraft registration. List of the tasks will be appeared.

3. In the List of Task screen select any necessary task, also you can check box Select ALL to choose all tasks.
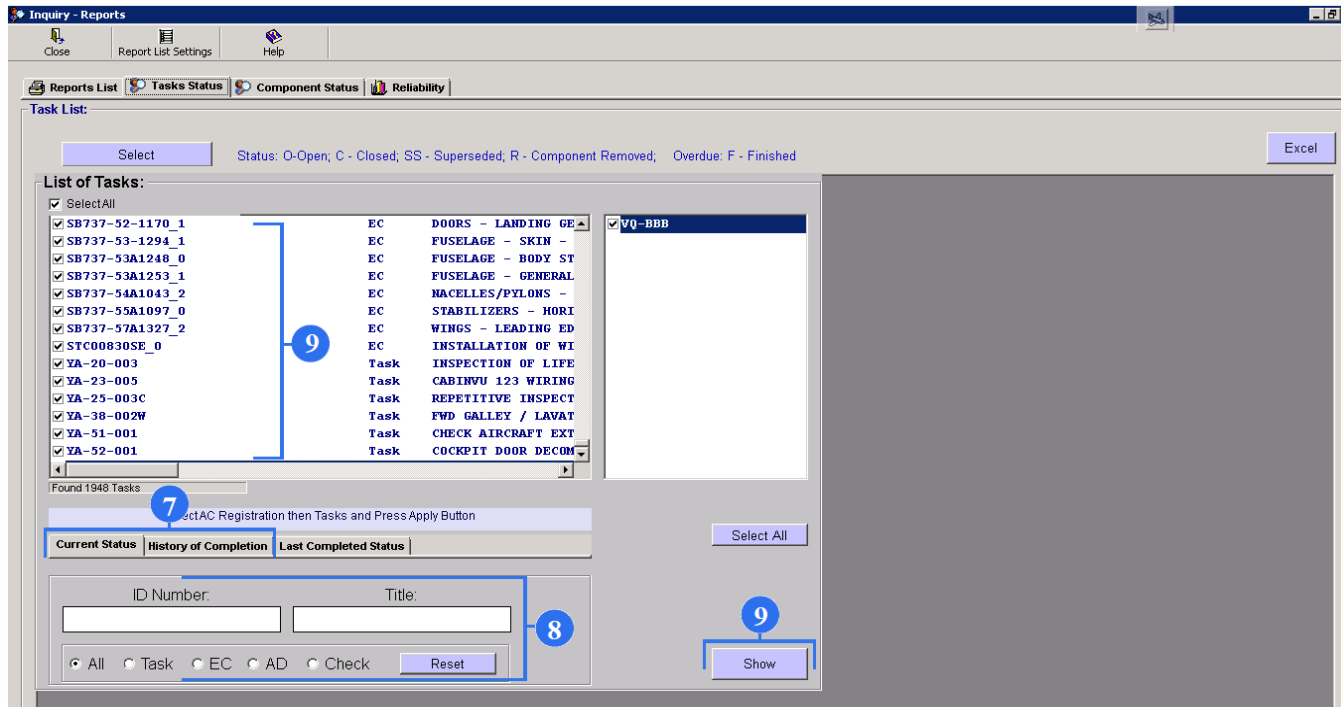
4. Push Select button.

5. You can see all tasks with difference statuses.

Statuses are divided in to:

- O – Open (green line)

- C – Closed (grey line)

- SS – Superseded (yellow line)

- R – Component Removed (grey line)

6. Push Select button to return to List of Tasks screen.

7. To monitor current status or to see history of completion of the tasks click on the Current Status tab or History Of Completion tab.

8. Enter ID Number (number of task, AD, Check or number of system chapter) and Title (Name of job) for exact search. Check box ALL to see all type of jobs such as Tasks, Engineering Control (EC), Airworthy Directive (AD) or Check. Also, you can choose only one type of job.

9. In the List of Task screen select any necessary task, also you can check box Select ALL to choose all tasks. Select from the whole of the list necessary aircraft registration. And push "Show" button.

Inquiry - Reports

Close | Report List Settings | Help

Reports List | Tasks Status | Component Status | Reliability

Task List:

Select | Status: O-Open; C - Closed; SS - Superseded; R - Component Removed;   Overdue: F - Finished | Excel
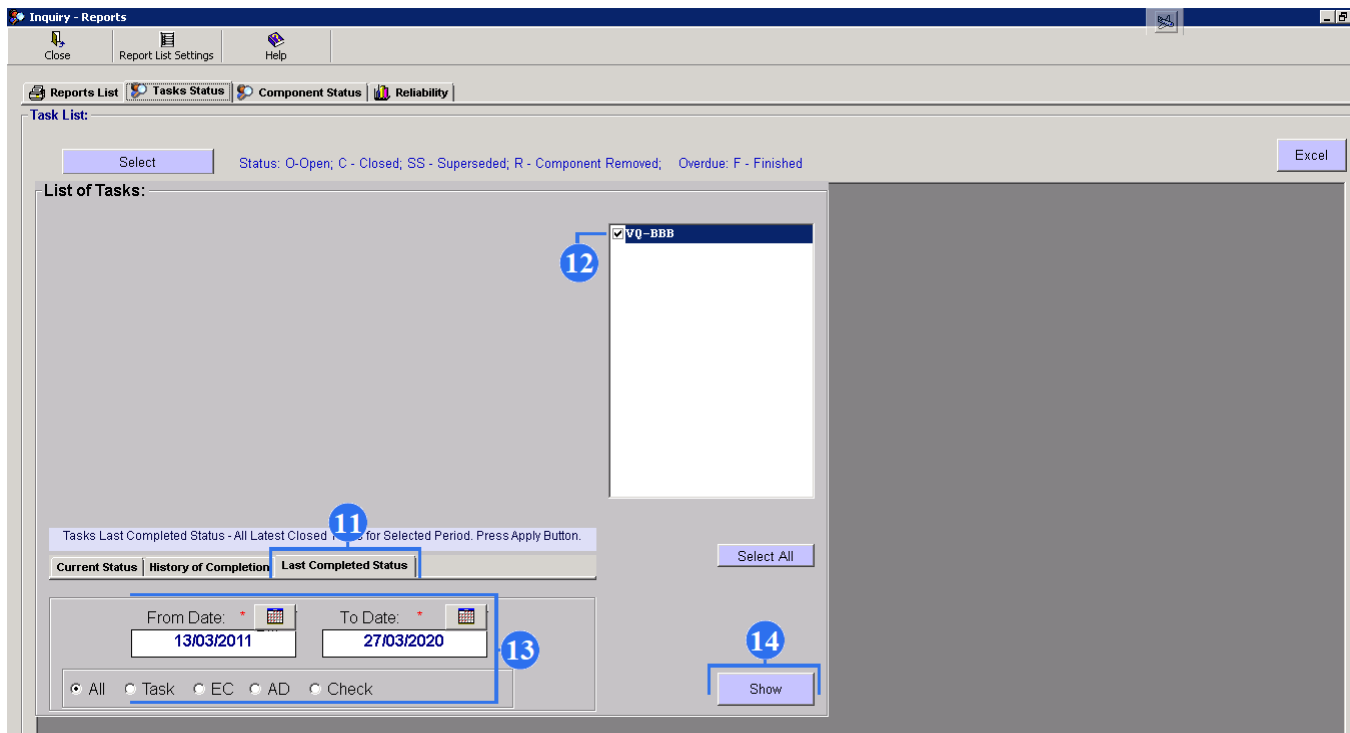
ID:	AC_Reg:	ID-Number:	Status:	Overdue:	Calculated_Due_Date:	Remainings:	Type:	Base:	FH_Compl:	FH_Interv
66200	VQ-BBB	49-010-00-01	O	N	2024-02-04	1601 DY;	Task	Y	46657.05	
15853	VQ-BBB	49-010-00-01	C	N	2020-05-13	449 DY;	Task	Y	34871	
14568	VQ-BBB	49-010-00-01	C				Task	Y		
15854	VQ-BBB	49-020-00-01	O	N	2024-12-07	1908 DY;	Task	Y	38675	
14569	VQ-BBB	49-020-00-01	C				Task	Y		
68683	VQ-BBB	49-040-00-01	O	N			Task	Y		
68682	VQ-BBB	49-040-00-01	C				Task	Y		
16933	VQ-BBB	49-040-00-01	C	F	2030-10-27	52554.00 FH; 78318 FC; 11550 DY;	Task	Y	38675	
16932	VQ-BBB	49-040-00-01	C				Task	Y		
83174	VQ-BBB	49-140-00-01	O	N	2020-04-04	1204.28 FH;	Task	Y	10162.4	1600
55675	VQ-BBB	49-140-00-01	C	N	2031-02-03	25278.42 FH;	Task	Y	33920.42	1600
43098	VQ-BBB	49-140-00-01	C	N	2018-09-05	7.18 FH;	Task	Y	32367.36	1600
16937	VQ-BBB	49-140-00-01	C	Y	2017-12-05	-39.76 FH;	Task	Y	30728	1600
16935	VQ-BBB	49-140-00-01	C				Task	Y		1600
17147	VQ-BBB	49-172-00-01	O	N	2028-03-13	18604.28 FH;	Task	Y	10162.4	19000
17146	VQ-BBB	49-172-00-01	C				Task	Y		19000
86868	VQ-BBB	49-212-00-01	O	N	2024-04-01	9953.48 FH;	Task	Y	10512	10000
17149	VQ-BBB	49-212-00-01	C	N	2019-09-26	88.00 FH;	Task	Y		10000
17148	VQ-BBB	49-212-00-01	C				Task	Y		10000
15855	VQ-BBB	49-220-00-01	O	N	2022-01-23	10745.15 FH;	Task	Y	34913	25000
14570	VQ-BBB	49-220-00-01	C				Task	Y		25000
16066	VQ-BBB	49-240-00-01	O	N	2020-11-30	5507.15 FH;	Task	Y	38675	16000
14781	VQ-BBB	49-240-00-01	C				Task	Y		16000
86867	VQ-BBB	YA-49-004	O	N	2019-12-27	101 DY;	Task	N	48952.45	
83986	VQ-BBB	YA-49-004	C	Y	2019-09-01	-11 DY;	Task	N		
83985	VQ-BBB	YA-49-004	C				Task	N		

⑩

10. You can see all tasks according with ID number and Title with difference statuses.

Statuses are divided in to:

- O – Open (green line)
- C – Closed (grey line)
- SS – Superseded (yellow line)
- R – Component Removed (grey line)

Push Select button to return to List of Tasks screen.

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11. To see last completed status of tasks click on the Last Completed Status tab.

12. Select from the whole of the list necessary aircraft registration.

13. Choose date range from what to what day. Check box ALL to see all type of jobs such as Tasks, Engineering Control (EC), Airworthy Directive (AD) or Check. Also, you can choose only one type of job.

14. Click on the Show.

15. You can see all tasks according with the date range with difference statuses.

16. Push Select button to return to List of Tasks screen.

3. Component Status
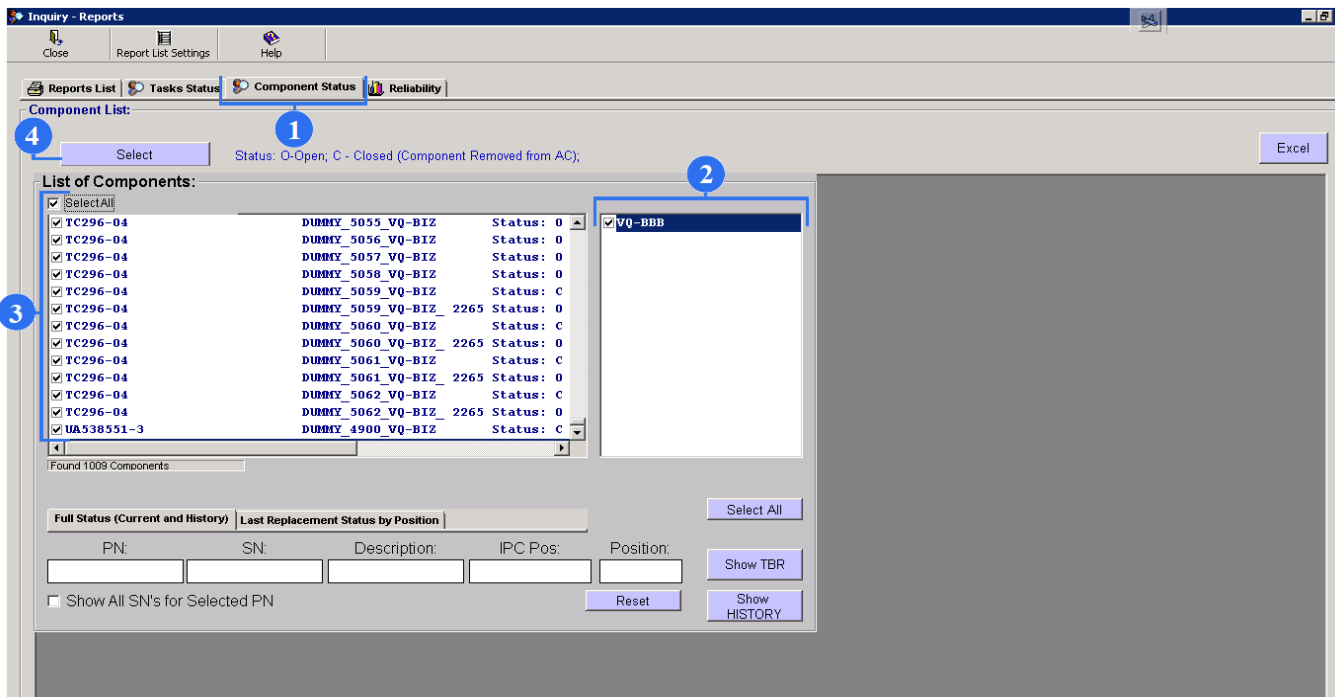
1. To monitor current status of the components, history of the components or see last replacement status by position click on the Components Status tab.

2. Select from the whole of the list necessary aircraft registration. List of the components will be appeared.

3. In the List of Component screen select any necessary component, also you can check box Select ALL to choose all components.
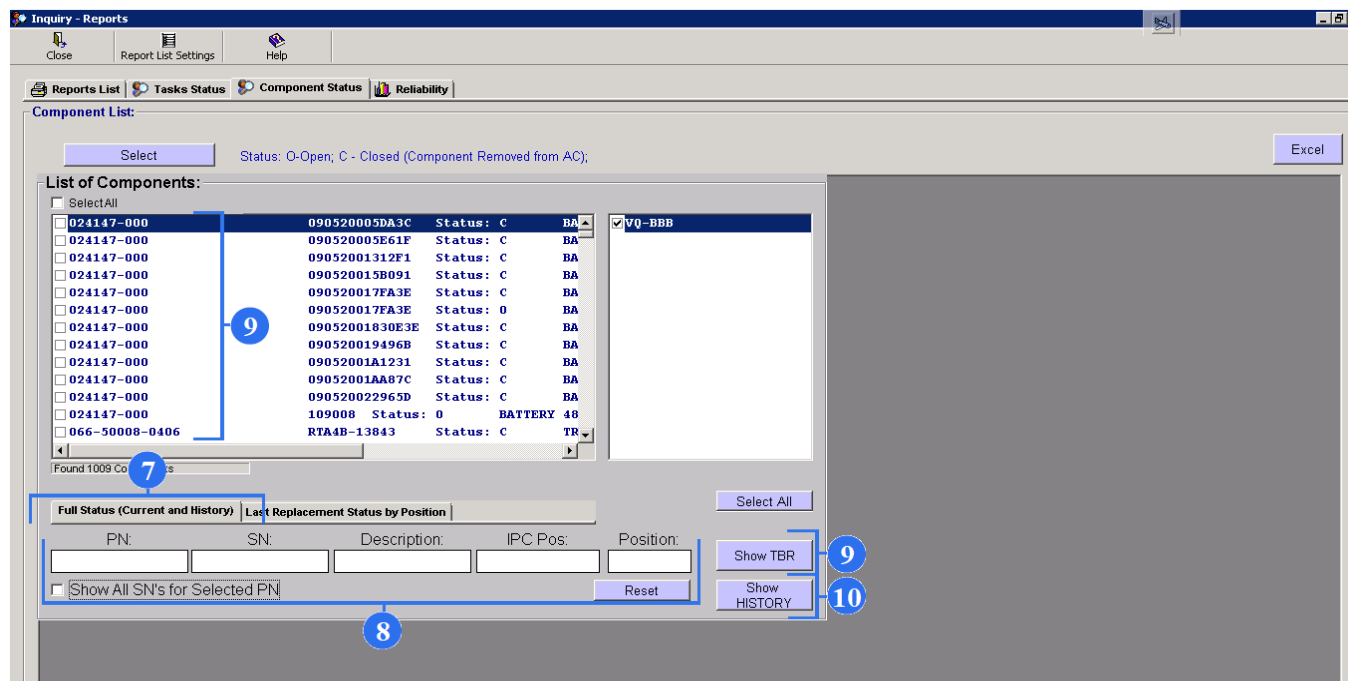
4. Push Select button.

5. You can see all components with difference statuses.

Statuses are divided in to:

- O – Open
- C – Closed (It means that component is removed from A/C)

6. Push Select button to return to List of Components screen.

7. To monitor current status or to see history of components click on the Full Status (Current Status and History) tab.

8. Use Part Number, Serial Number, Description, IPS position or position fields for exact search. Check box Show All SN's for Selected PN.

9. In the List of Components screen select any necessary component, also you can check box Select ALL to choose all components. Select from the whole of the list necessary aircraft registration. And push "Show TBR" button to apply a show selection of components time between replacement.

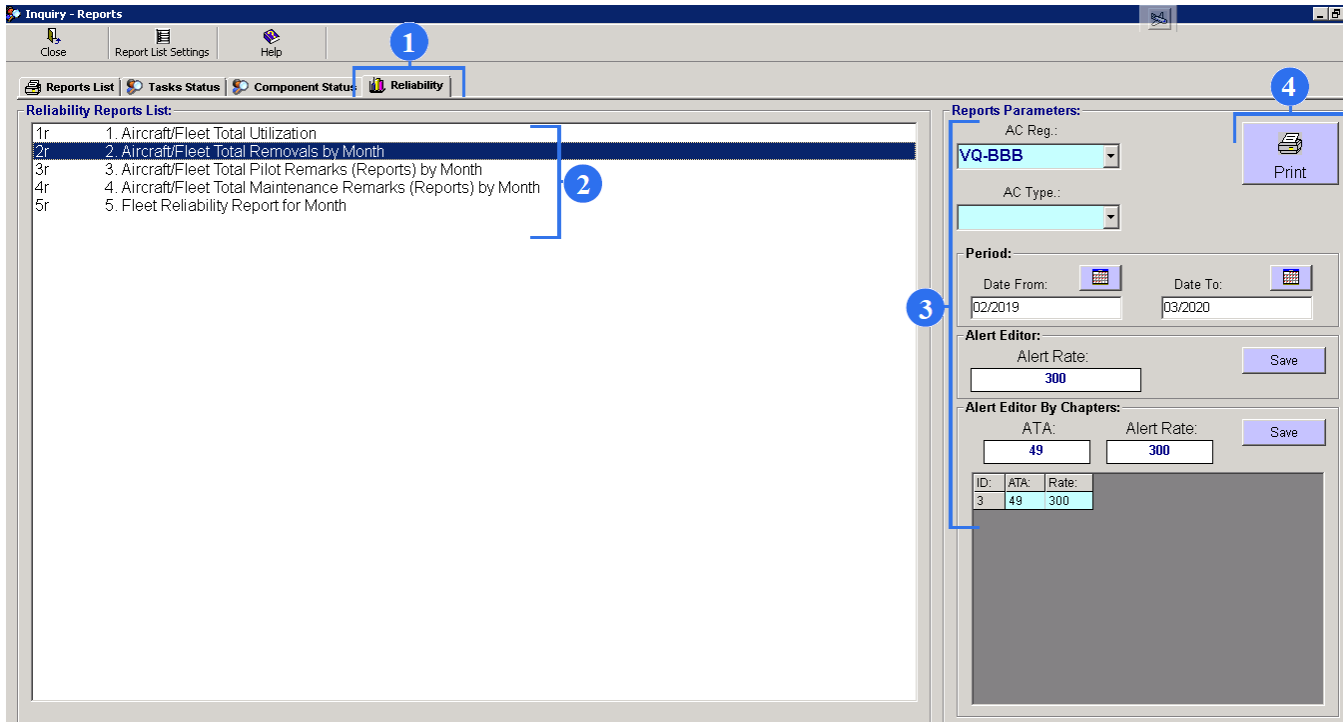10. To apply and show selection of components history push Show HISTORY button.
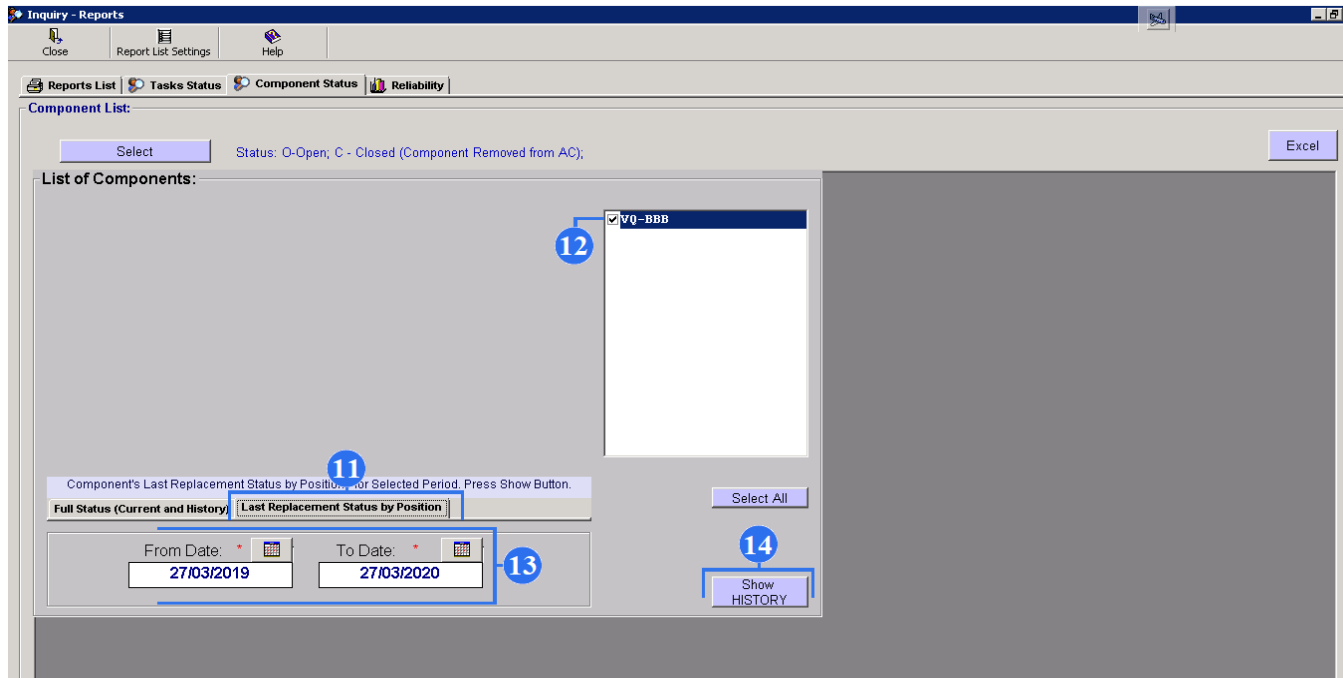
11. To see last replacement status of components click on the Last Replacement Status by Position tab.

12. Select from the whole of the list necessary aircraft registration.

13. Choose date range from what to what day.
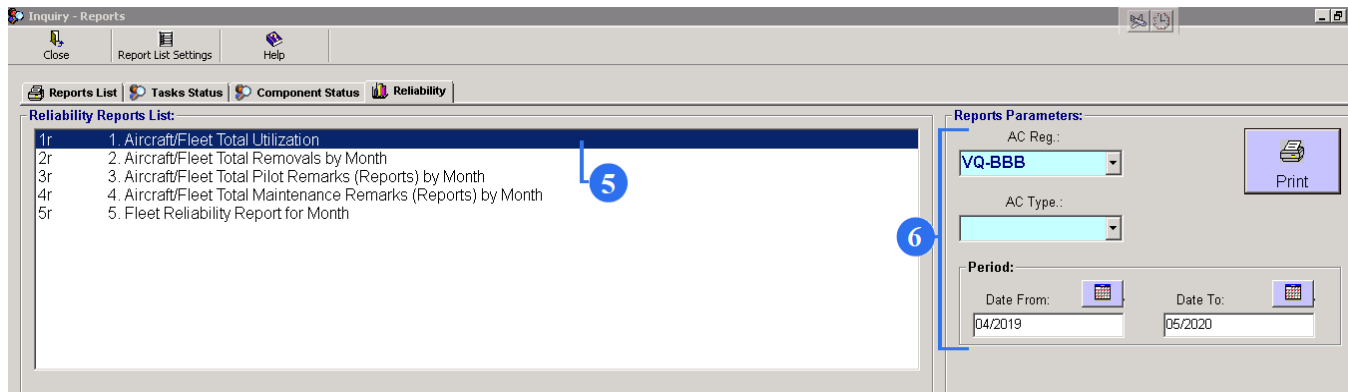
14. Click on the Show HISTORY.

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4. Reliability

1. To get reliability report click on the Reliability tab.

2. From the whole list select necessary report. Type of reports depends on customer.

3. In the Reports Parameters Editor enter AC Reg, AC type, time period and alert value.

4. Push Printer button.

5. Consider a sample reliability report such as Aircraft/Fleet Total Utilization.

6. In the Report Parameters editor enter aircraft registration (AC Reg field) and Date Period. Push Print button to get report.
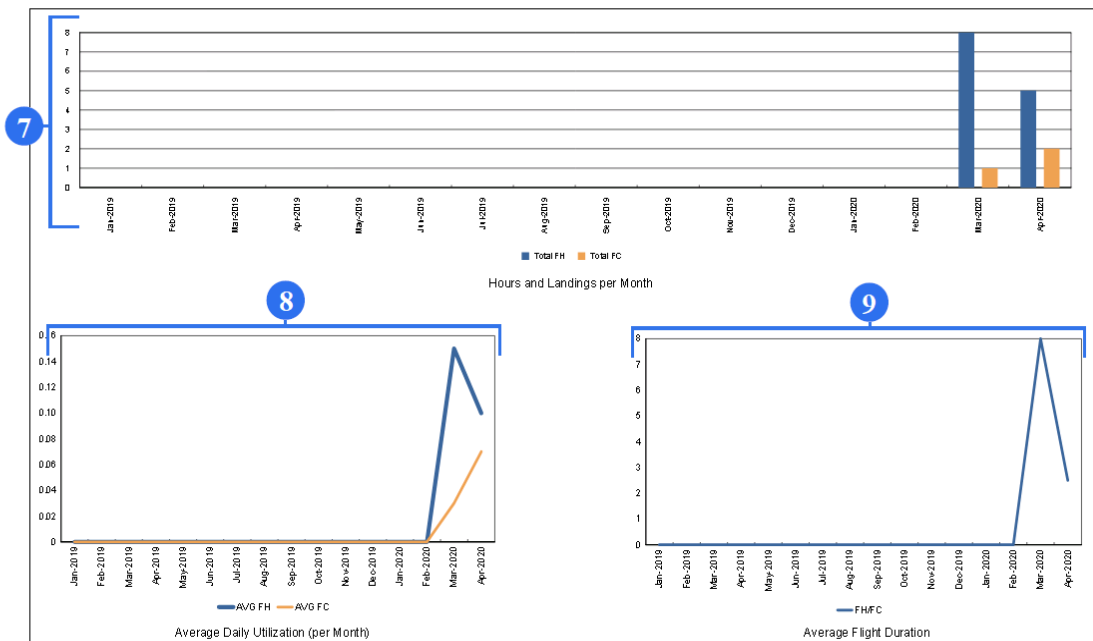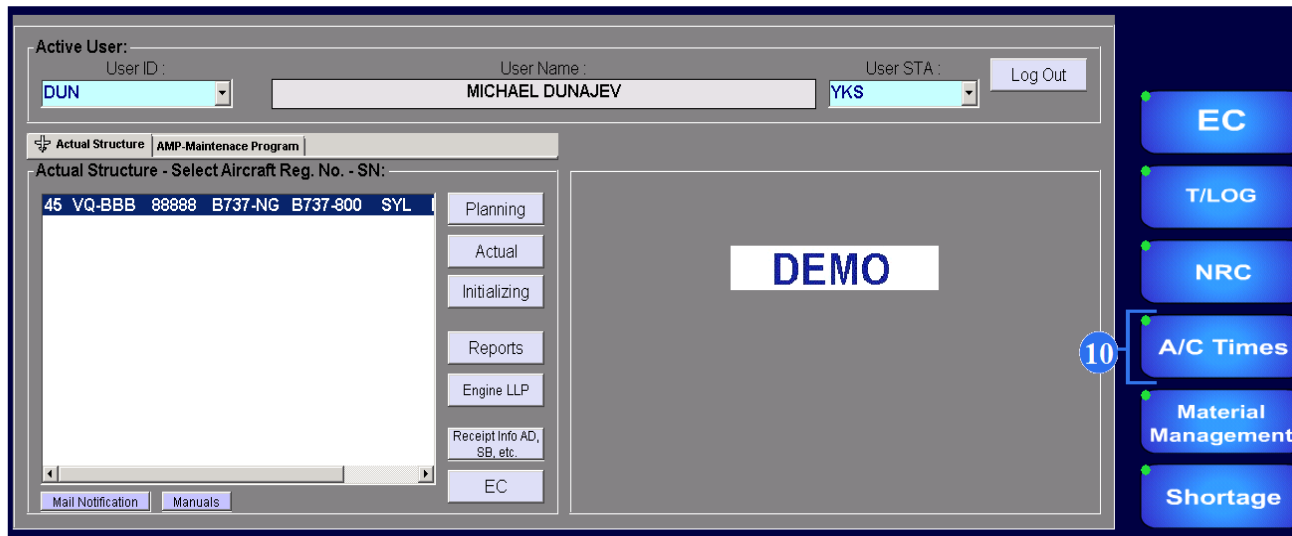
As a result, you get three graphs.

7. The first graph is Hours and Landings per Months, where the blue column is total hours and orange column is total flight cycles.

8. The second graph is Average Daily Utilization per Month. The blue line is average flight hours, the orange line is average flight cycles.
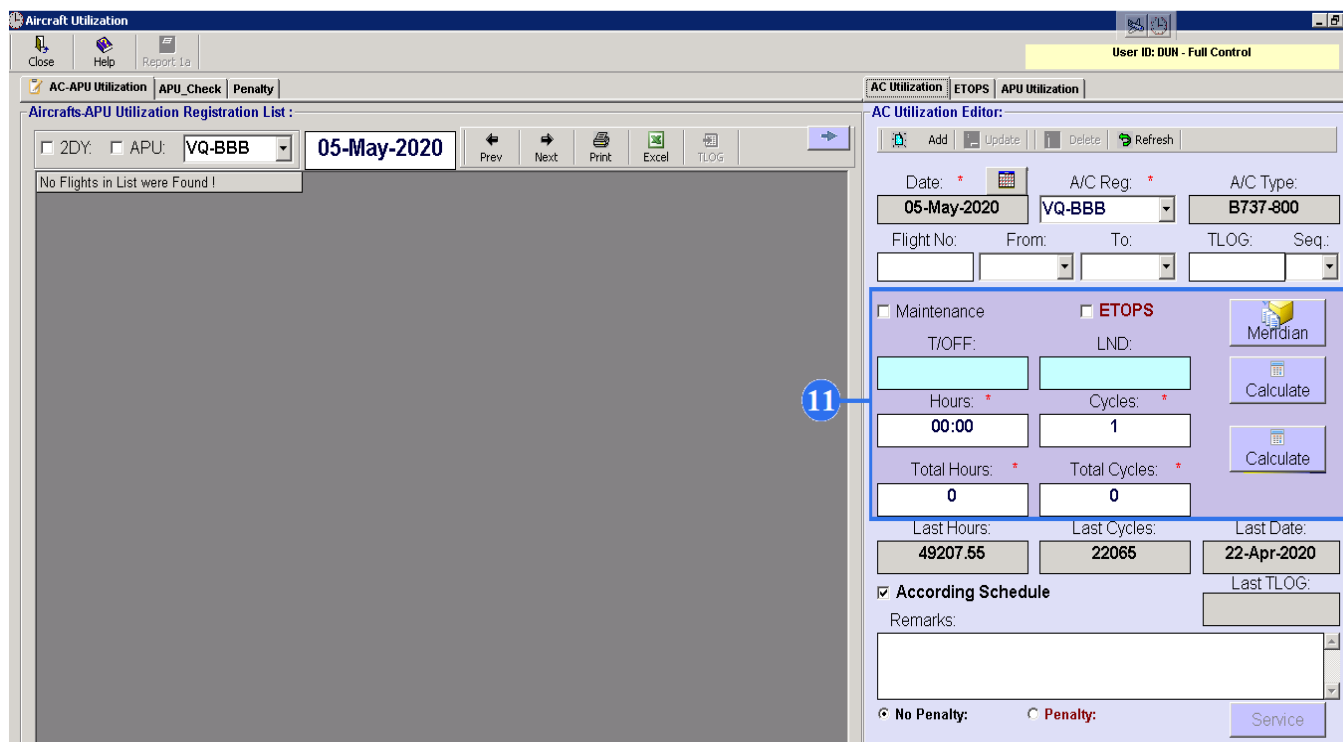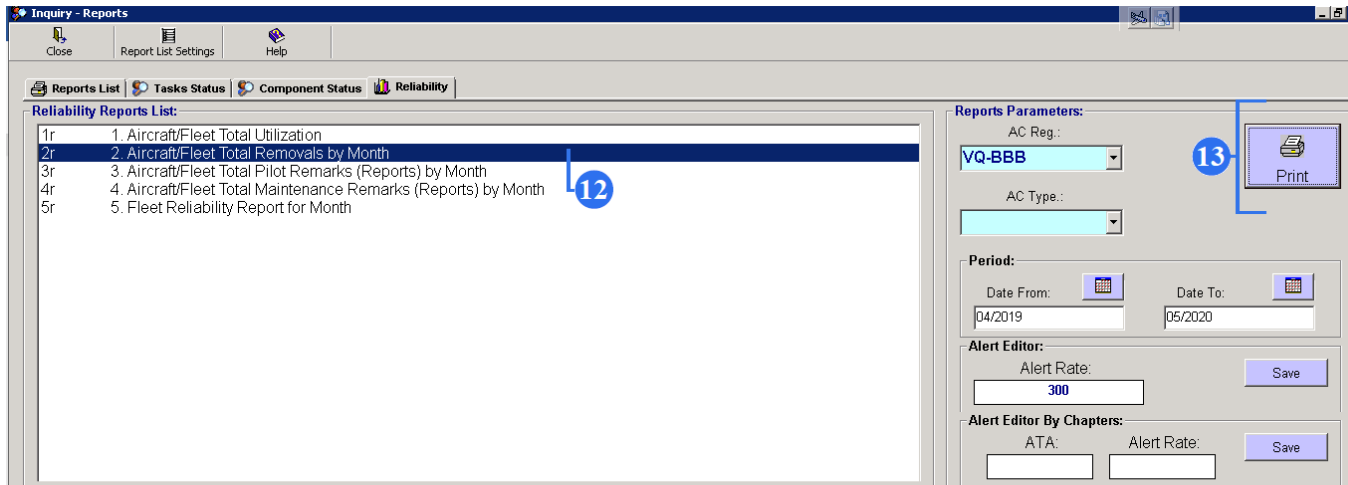
9. The third graph is Average Flight Duration.

10. To generate the reliability report it is necessary to start A/C Times submodule.

11. Enter always take off time and landing time and click on the Calculate. You can get total flight hours and cycles.

Based on this data, Aircraft/Fleet Total Utilization report is generated.

12. Consider a sample reliability report such as Aircraft/Fleet Total Removals by Months.

13. In the Report Parameters editor enter aircraft registration (AC Reg field), Date Period and fill Alert Editor. Push Print button to get report.

As a result, you get two graphs.
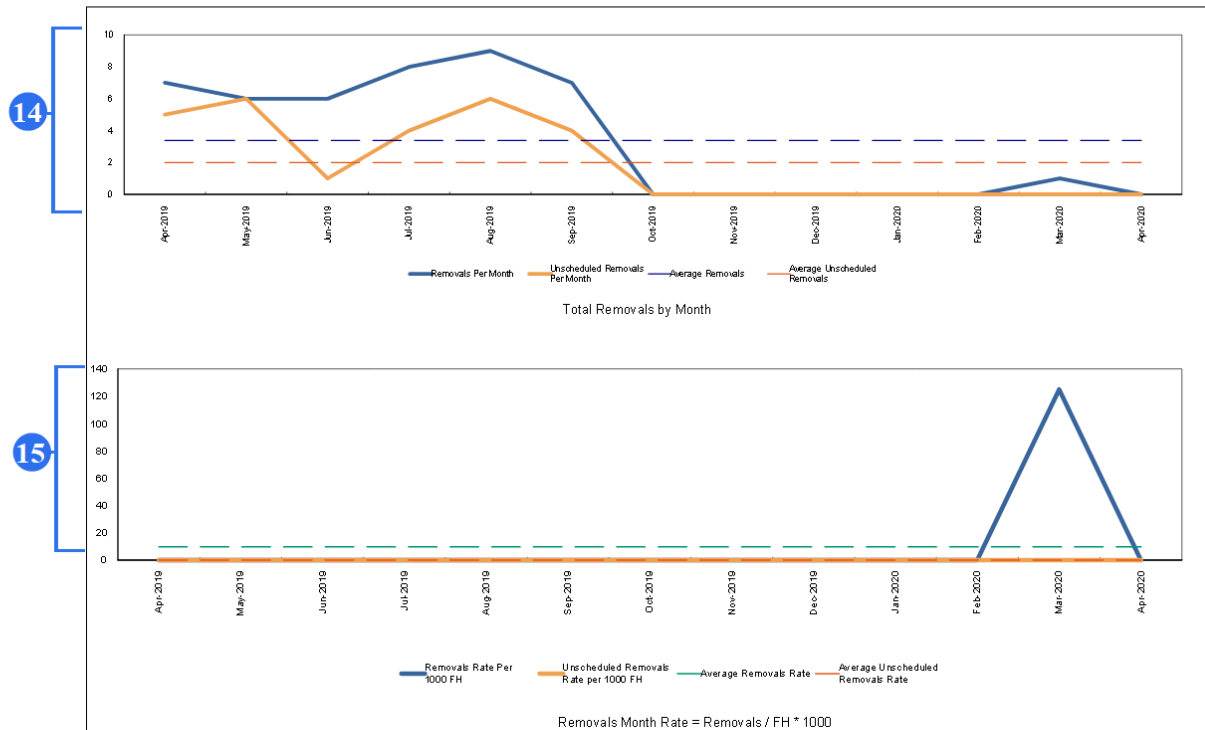
14. The first graph is Total Removals by Month, where blue line is removal for month, orange line is unscheduled removal per month, dotted lines are average removal.

15. The second graph is Removal Month Rate, i.e. Removals/FH*1000.

Removals Rate by Chapters

	Total	Apr-2019	May-2019	Jun-2019	Jul-2019	Aug-2019	Sep-2019	Oct-2019	Nov-2019	Dec-2019	Jan-2020	Feb-2020	Mar-2020	Apr-2020
ATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Chapter: 21 - Air Conditioning

Chapter: 22 - Autoflight

Chapter: 23 - Communication

Chapter: 79 - Engine Oil

Chapter: 80 - Engine Start

16. Also, you can get report of Removals Rate by Chapters through total table and charts for each system.

17. To generate the reliability report it is necessary to start Actual submodule.

18. In Actual submodule you can registrated removal of component. Fill all important fields to generate removal per month report.

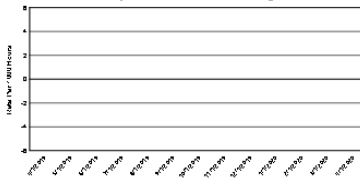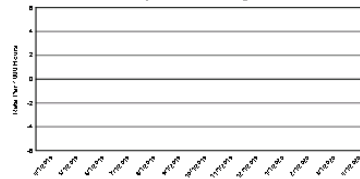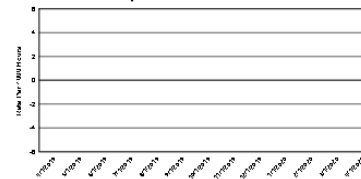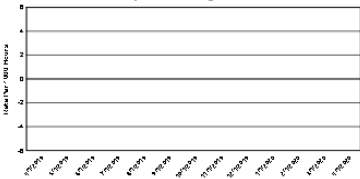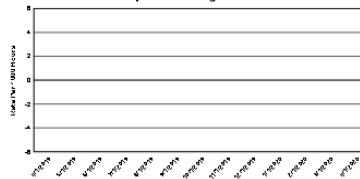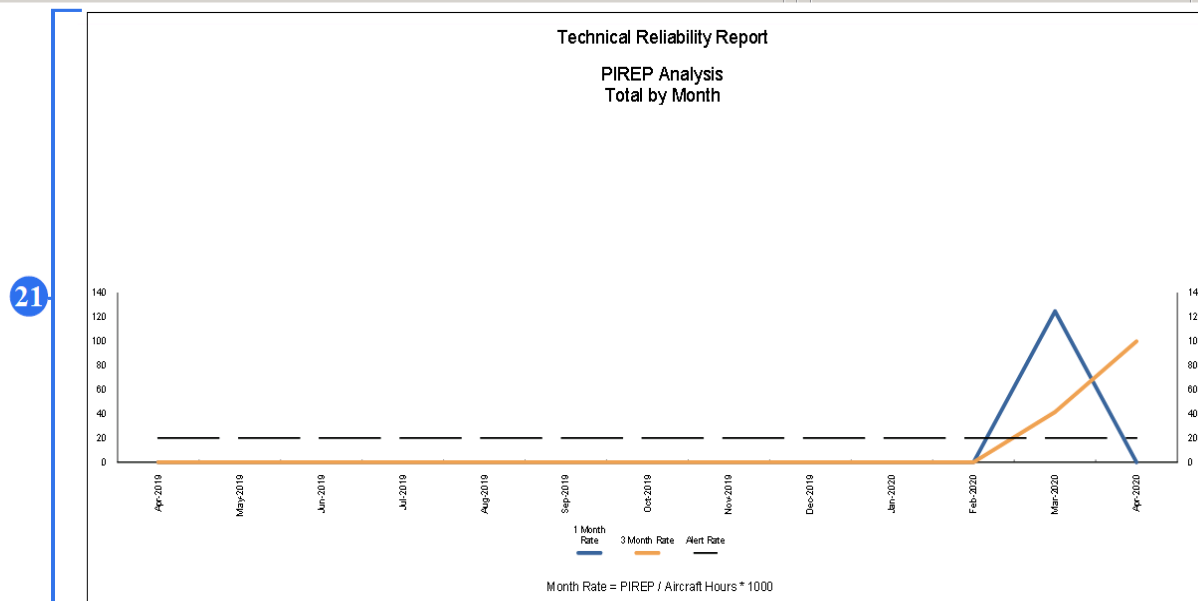If you tick the Unscheduled Replacement field, you get unscheduled removal per month report.

19. Consider a sample reliability report such as Aircraft/Fleet Total Pilot Remarks (Report) by Month.

20. In the Report Parameters editor enter aircraft registration (AC Reg field), Date Period and fill Alert Editor. Push Print button to get report.

As a result, you get:

21. Graph of PIREP (Pilot Report) /Aircraft Hours *1000, where blue line is PIREP per Month, orange line is PIREP per 3 Month and dotted line is alert value.

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Technical Reliability Report
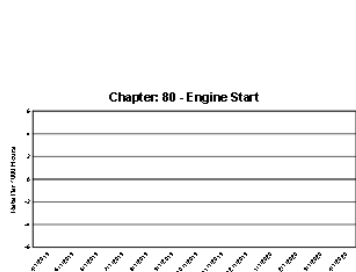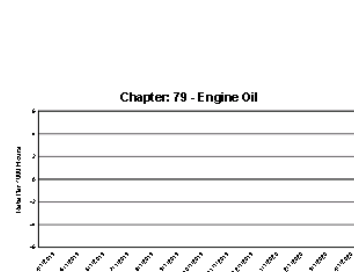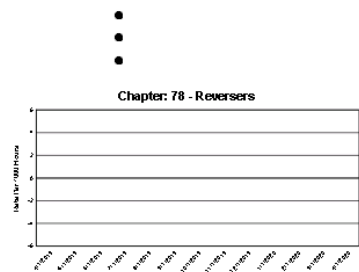
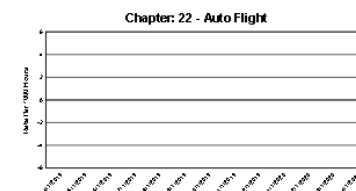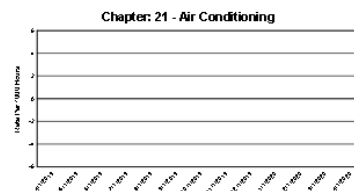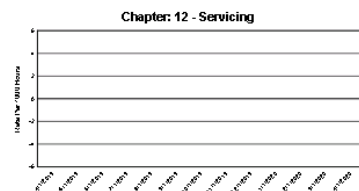PIREP Analysis and Unscheduled
Removals by ATA Chapters per Month

Summary of Information By Chapter for Apr-2019

Chapter	Description	No of PIREPs	PIREPs Rate	No of Removals	Removal Rate
32	LANDING GEAR	0	0.00	4	0.00
35	OXYGEN	0	0.00	1	0.00
TOTAL		0	0.00	5	0.00

Total Hours   0.00

PIREP Rate by Chapters

	Total	Apr-2019	May-2019	Jun-2019	Jul-2019	Aug-2019	Sep-2019	Oct-2019	Nov-2019	Dec-2019	Jan-2020	Feb-2020	Mar-2020
ATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Chapter: 12 - Servicing

Chapter: 21 - Air Conditioning

Chapter: 22 - Auto Flight

Chapter: 78 - Reversers

Chapter: 79 - Engine Oil

Chapter: 80 - Engine Start

22. Also, you can get PIPER Analysis and Unscheduled Removals by ATA Chapters per Month and PIPER Rate by Chapters through total table and charts for each system.

23. To create the reliability report it is necessary to start NRC submodule.
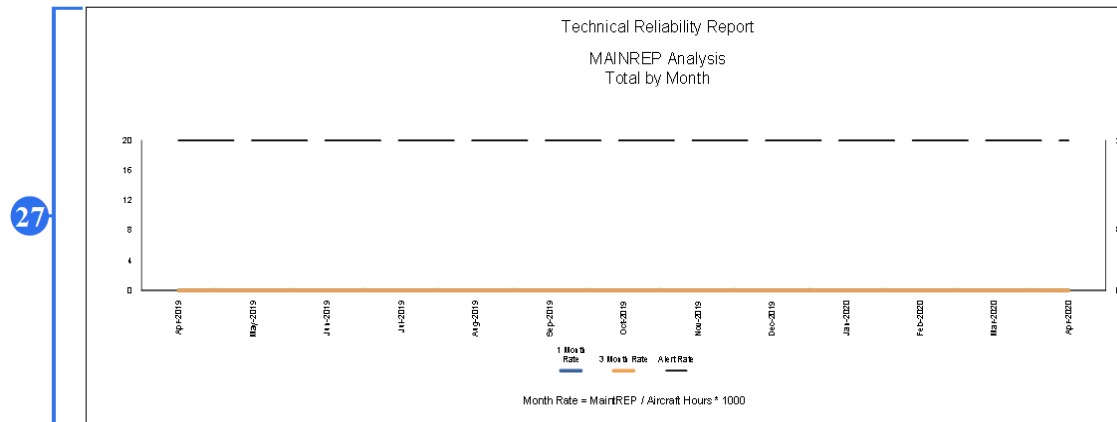
24. If you want that PIREP report will be generated, tick the PR field, where PR – Pilot Remark.

25. Consider a sample reliability report such as Aircraft/Fleet Total Maintenance Remarks (Reports) by Month..

26. In the Report Parameters editor enter aircraft registration (AC Reg field), Date Period and fill Alert Editor. Push Print button to get report.

As a result, you get:

27. Graph of MAINREP (Maintenance Report) /Aircraft Hours *1000, where blue line is MaintREP per Month, orange line is MainREP per 3 Month and dotted line is alert value.

Technical Reliability Report

MAINTREP Analysis and Unscheduled
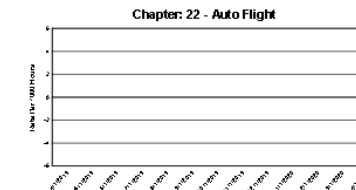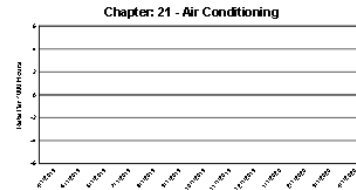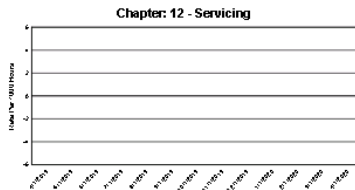Removals by ATA Chapters per Month

Summary of Information By Chapter for Apr-2019

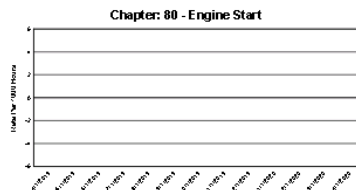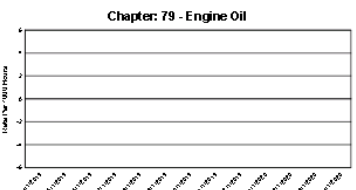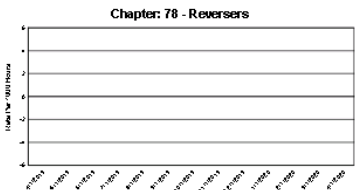| Chapter	Description	No of Maint Reports	Maint Reports Rate	No of Removals	Removal Rate
32	LANDING GEAR	0	0.00	4	0.00
35	OXYGEN	0	0.00	1	0.00
TOTAL		0	0.00	5	0.00

Total Hours   0.00

MAINTREP Rate by Chapters

	Total	Apr-2019	May-2019	Jun-2019	Jul-2019	Aug-2019	Sep-2019	Oct-2019	Nov-2019	Dec-2019	Jan-2020	Feb-2020	Mar-2020
ATA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Chapter: 12 - Servicing

Chapter: 21 - Air Conditioning

Chapter: 22 - Auto Flight

Chapter: 78 - Reversers

Chapter: 79 - Engine Oil

Chapter: 80 - Engine Start

28. Also, you can get MAINTPER Analysis and Unscheduled Removals by ATA Chapters per Month and MAINTPER Rate by Chapters through total table and charts for each system.

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29. To create the reliability report it is necessary to start NRC submodule.

30. If you want that MAINTREP report will be generated, tick the Mtx field, where Mtx – Maintenance remark.
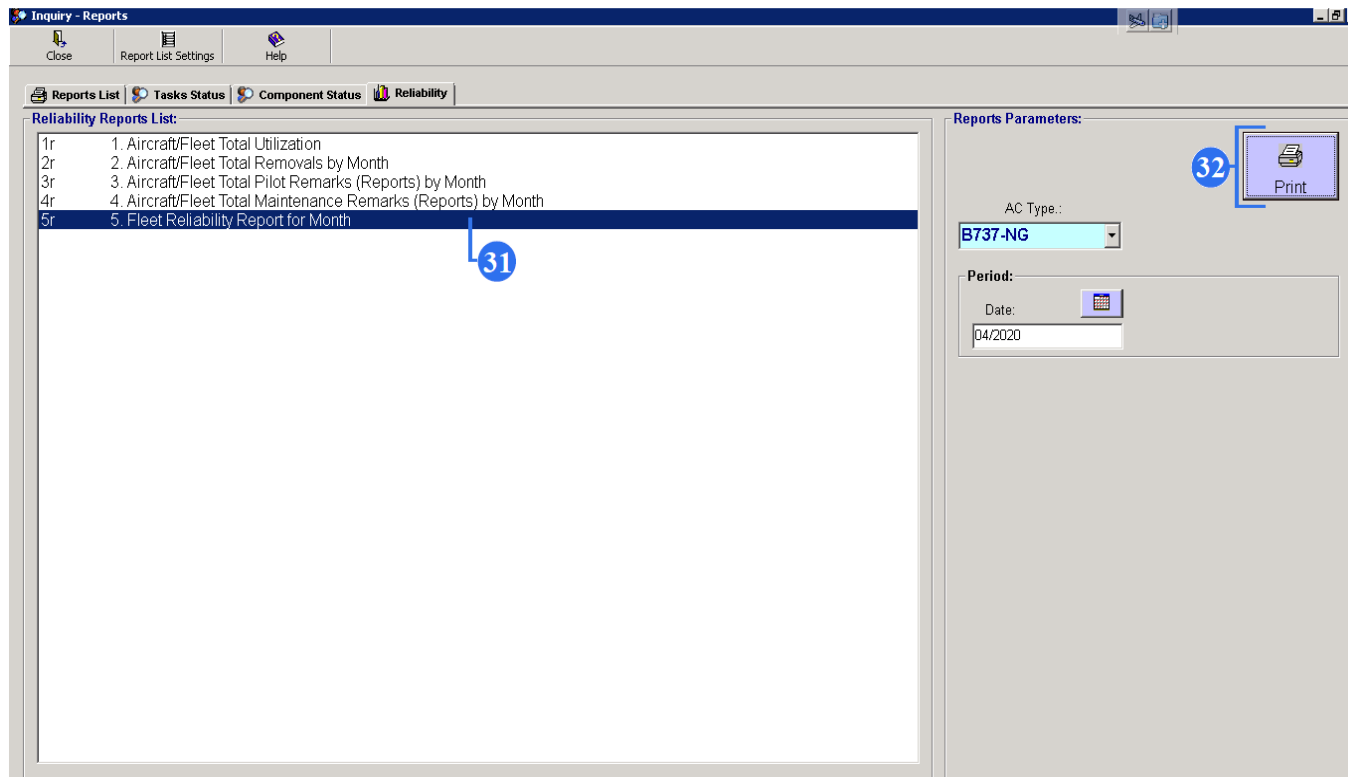
31. Consider a sample reliability report such as Fleet Reliability Report for Month.

32. Push Print button to open the report.

This report includes all above reports: Aircraft/Fleet Total Utilization, Aircraft/Fleet Total Removals by Month, Aircraft/Fleet Total Pilot Remarks (Reports) by Month, Aircraft/Fleet Total Maintenance Remarks (Reports) by Month.

NOTE: All the reliability reports are example. Type of reports depend on customer.