

# RAMCOAVIATIONSOLUTION VERSION 5.9 USERGUIDE FLOAT MANAGEMENT

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# **ABOUT THIS MANUAL**

This manual briefly describes the basic processes and functions in Ramco Aviation Solution.

# WHO SHOULD READ THIS MANUAL

This manual is intended for users who are managing the Aviation industry processes and are new to Ramco Aviation Solution. This manual assumes that the user is familiar with the Aviation Industry nomenclatures and systems based software.

# HOW TO USE THIS MANUAL

Ramco Aviation Solution provides extensive Online Help that contains detailed instructions on how to use the application. Users are suggested to use this manual for specific references, along with the Online Help. This manual contains enough information to help the users perform the basic tasks and points toward the Online Help for more detailed information.

# HOW THIS MANUAL IS ORGANIZED

The UserGuide is divided into 2 chapters and index. Given below is a brief run-through of what each chapter consists of.

Chapter 1 provides an overview of the entire **Float Management** business component. The sub-processes are explained in the remaining chapters.

Chapter 2 focuses on the Float Management sub-process.

The Index offers a quick reference to selected words used in the manual.

# **DOCUMENT CONVENTIONS**

- The data entry has been explained taking into account the "Create" business activity. Specific references (if any) to any other business activity such as "Modify" and "View" are given as "Note" at the appropriate places.
- Boldface is used to denote commands and user interface labels.

Example: Enter Company Code and click the Get Details pushbutton.

• Italics used for references.

Example: See Figure 1.1.

The<sup>™</sup>icon is used for Notes, to convey additional information.

# **REFERENCE DOCUMENTATION**

This UserGuide is part of the documentation that comes with Ramco Aviation Solution.

The documentation is generally provided in two forms:

- The Documentation CD in Adobe® Systems Portable Document Format (PDF).
- Context-sensitive Online Help information accessible from the application screens.

# WHOM TO CONTACT FOR QUERIES

Please locate the nearest office for your geographical area from www.ramco.com for assistance.

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# **1INTRODUCTION**

Float Management addresses all the processes involved in maintaining float requirement such as:

- > Specifying the participating parameters to compute float.
- Forecast the scheduled and Unscheduled Demand values.
- Optimize the forecasted demand values using statistical methods.
- Computation of float quantity.
- Review and Actioning Float computation and Optimization of output.

Float Requirement is the quantity of spares to be maintained to meet the desired service levels. The Float Forecast Plan can be invoked in predefined frequency for float computation. The various criteria for Float Forecast Plan generation will be referencing to Part Attributes, Pool, Customer attributes, Aircraft attributes, etc. Float Computation will be done based on various participating parameters such as Utilization History, Utilization Projection, Scheduled Removals, Unscheduled Removals, Scheduled Demand Projections, MTBUR, Purchase and Repair Turn Around Time, Scrap Rate, Purchase and Repair Cost and Service Levels.

Float Plan carries the Periodicity and Effectivity that needs to manage revision cycles. Based on the Periodicity, runs will be auto generated in the system.

Float computation is performed through statistical concepts such as Poisson Distribution, Gaussian Distribution and Linear Programming. Optimization of computed demand/float quantity is also done using statistical concepts. Float Management also includes review of float computation and optimization of output. Based on the review of current float quantity, actions are initiated for the deficit stock scenarios. Simulation and updation through revision is managed for single part and bulk parts.



Figure 1.1 Float Management – Process Flow

# Scheduler Details:

Float Management uses two schedulers for Float Analysis and Float Run Computational purposes.

- Float Monthly Param population Used to Analyze Float for Computation This scheduler is executed once during the end of every month
- Float Run generation and Computation Ror Generation of Floar Run And Computation. This is executed Once in a day, recommended at the starting of the day.

For more details on Schedulers, refer to the Scheduler list excel '**Trn-Bsg-R58**-**Scheduler-ServiceBrokerList.xlsx**' which will be available along with the release.

# 2 FLOAT MANAGEMENT

Float Requirement is the quantity of spares to be maintained to meet the desired service levels. Float Forecast Plan will be invoked in predefined frequency for float computation. Float Computation is done based on various participating parameters such as Utilization History, Utilization Projection, Scheduled Removals, Unscheduled Removals, Scheduled Demand Projections, MTBUR, Purchase and Repair Turn Around Time, Scrap Rate, Purchase and Repair Cost and Service Levels.

Float Plan carries the Periodicity and Effectivity that needs to manage revision cycles. Based on the Periodicity, runs will be auto generated in the system. Review of Float Output and actioning includes review of float computation and optimization of output. Based on the review of current float quantity, actions are initiated for the deficit stock scenarios. Simulation and updation through revision is managed for single part and bulk parts.

# 2.1 DEFINING FLOAT ENTITIES AND FLOAT MANAGEMENT PARAMETERS

You can define float entities and set the float management parameters using this screen. Based on the options defined in this activity, user can set the process parameters for the Entities utilized in Float Management.

# 2.1.1 Defining Float Entities

1. Select the Set Float Management Parameters activity under the Float Management business component. The Set Float Management Parameters screen appears. *SeeFigure2.1.* 

*	S S	et Floa	t Manag	ement Parameters		RAM	CO OU-ramco role 🔻 📿	:₽₽+:⊡
Search	Criteri	ia ———						
				Entity Type Float Type	-	Status	Active 💌	
					Get De	tails		
Entity	Details							
	4			Specify the Entity				
	•	1 -	15/15	-			▼ ≤	Search Q
		Entit	y Type	Туре	Entity	Description	Status	Float Parameters Defined
1		Float	Type		rioat	Alexandra Hilling March 11	Active	Tes
2		Float	Type		All Defeult Devia disitu	Default Designation History	Active	Tes
3		Float	Type	*	Flash Blas	Clash Place	Active	No
-		Float	туре	•	Float Han	Float Plan	Active	Tes
2		Float	Type	*	C Martha Bash	C Martha Bash hara	Active	No
•		Float	туре	*	5 Month's hoat	6 Months float type	Active	NO
·		Float	туре	*	Hoat for Component	Float for Component Parts	Active	Yes
8		Float	туре	*	New .	New	Active V	res
9		Float	т	*	noats	ricat	Active	No
10		Float	туре	*		Float Type 1	Active V	res
11		Float	т	~	FI 2	Float Type 2	Active	res
12		Float	туре	*	Float Type - ABC	Float Type - ABC	Active 🗸	No
13		Float	iype -	~	Float Type - DEF	Float Type - DEF	Active	NO
14		Float	Type	*	Hoat Type - GHI	Float Type - GHI	Active 🗸	No
15		Float	Type	~	Float Type - JKL	Float Type - JKL	Active 🗸	No
16				*			Active 🗸	
						Entity details	for Parameters	
								•

Figure 2.1 Set Float Management Parameters

- 2. In the search criteria, select the Entity Type for which the Float Entities are to be defined.
- 3. Use the **Entity Type** drop-down list box to specify whether the Float Entities are to be defined for "Float Type", "Category", "User Status" or "User Defined Details".
- 4. Enter the Entity and Description for the Entity Type selected.
- 5. Use the **Status** drop-downlistboxtoselect the status as "Active" or "Inactive" for the Entity Type.
- 6. Click the **Define Process Entities** pushbutton to define the entities for float management.

# 2.1.2 Setting Float Management Parameters

- 1. Select the **Set Float Parameters** link in the **Set Float Management Parameters** screen. The **Set Float Parameters** page appears. *See Figure 2.2.*
- 2. In the 'Entity Details' group box, specify the Entity Type, Entity and Category for the parameter definition.
- 3. In the 'Process Parameters List' multiline, the values for the process parameter can be defined.

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*	Se	t Float Parameters		<b>** * 1 2 3 4 5 !</b>	RAMCO OU-ra	imco role 🔻 📿 🖨	🛱 🗲 ? 🗔
Entity	Details -						
		Entity Type Float Type	<b>•</b>	Entity All		Category	-
	Process I	Parameters Defined Yes	Reco	rd Status Active			
Proce	ss Param	eters List					
*	4	1 - 15/89 🕨 🕨 🍸 🏋			010 👭 🐕 All	▼ Sea	arch Q
#		Category	Process Parameter	Permitted Values	Value	Status	Error Message
1		Float Review	Status of Automatic MR generated during Float	Enter "1" for Fresh and "2" for Authorized		Not Defined	
2		Float Review	Status of Automatic PR generated during Float	Enter "1" for Fresh and "2" for Authorized		Not Defined	
з		Purchase & Repair Lead Time	Default Purchase Lead Time	Enter "1" for Default Time Type definition, "2"		Not Defined	
4		Purchase & Repair Lead Time	Default Repair Lead Time	Enter "1" for Default Time Type Definition, "2"		Not Defined	
5		Float Optimization	Demand Value above which Gaussian to be	Enter an Integer Value		Not Defined	
6		Purchase Costs	Default Purchase Costs	Enter "1" for Purchase Cost of Preferred		Not Defined	
7		Utilization & Demand	Demand Plan Data Source	Enter '1' for Maintenance Program , '2' for		Not Defined	
8		Utilization & Demand	Forecasted Scheduled Demand	Enter '1' for Compute based on Scheduled		Not Defined	
9		History & Forecast Period	Forecast Period (In Months)	Enter any integer value		Not Defined	
10		Float Analysis & Review	Allow Modification of Forecasted Scheduled	Enter "0" for "No", "1" for "Yes"		Not Defined	
11		Float Analysis & Review	Allow Modification of Forecasted Unscheduled	Enter "0" for "No", "1" for "Yes" Para	meters can be de	efined	
12		Utilization & Demand	Forecasted Unscheduled Demand	Enter `1' for Compute based on MTBU			
13		Float Plan/Float Run	Float computation for	Enter "0" for Part Planning Group, "1" for Part		Not Defined	
14		Float Plan/Float Run	Analyse Float based on Customer	Enter "0" for Yes, "1" for No		Not Defined	
15		Float Plan/Float Run	Analyse Float based on Pool	Enter "0" for Yes, "1" for No		Not Defined	
							Þ
				Set Float Parameters			

Figure 2.2 Set Float Parameters

# 2.2 MANAGING FLOAT PLAN

This activity allows the user to generate Float Plan that can be invoked in predefined frequency for float computation. The various criteria for Float Forecast Plan generation will be referencing to Part Attributes, Pool, Customer attributes, Aircraft attributes, etc.

# 2.2.1 Managing Float Forecast Plan

1. Select the Manage Float Forecast Plan activity under the Float Management business component. The Manage Float Forecast Plan page appears. *SeeFigure 2.3.* 

\star 🔳 Manage Flo	oat Fored	ast Plan											RAMCO OU-ram	nco role 🔻	2¢	₽	다	÷	? 🗔
	an 🔿 View	Plan			Flo	at Plan #	/ Rev #	# Plan #,	Plan	Descriptio	n, Float	t Type, Categ	gory 🖭 🔻	Go					
				st Pro	cessed			Next Sche	edule	d									
Float Plan Description Plan Date	Ra ed	dio button: lit and view	s to create plan	All Year	ły	▼ ▼ Mor	nth(s)	0 items sel	ected	1	•	Planned by Category		<b>T</b>	l	User St	atus	US 2	
Additional Details —																			
User Defined Details 1			▼ User D	efined Det	ails 2				Cance	ellation Re	emarks								
Short Close Remarks									R	evision Re	emarks								
Part Details																			
Part Classification	0 items sele	ected 💌	Part	Category	0 items selected		~	ATA #				D Part	t Planning Group	0 items se	elected	ł	<b>v</b> I	C Key	
Part Type	0 items sele	ected 💌		Part Class	0 items selected		<ul> <li>Essen</li> </ul>	itiality Code	0 i	items sele	cted	-	Expense Type	0 items se	elected	ł	-		
Include Life Limited Parts			Include Shelf	Life Parts										Associate	Parts				
Pool Details Cu	istomer #	/ Group								Aircraft I	Model	/ Group —							
C	ustomer #	•								Aircraft M	1odel	-							
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	#	Customer T	ree									Aircraft Tr	ee						
	1	🔁 :386	8		Trop strue	cture to			*	1		😑 🚞 oos	3-200						
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	6 🔳	- 🔁 1090	000							6		12	TEST						
											_								

#### Figure 2.3 Manage Float Forecast Plan

- 2. Select the Create Plan, Edit Plan or View Plan radio button to Create, Modify or View the Float Plan.
- 3. Enter the Float Plan # and specify the Revision #of the Float Forecast Plan.
- 4. Click the Go pushbutton to retrieve the details of the Float Plan # for the Rev # of the Float Plan.
  - 🖎 In 'Edit Plan', Plan # entered should not be in 'Cancelled' or 'Shortclosed' or 'Closed' status.
- 5. Use the Float Type drop-down list box to specify the type of the Float Forecast Plan.
- 6. Use the **Periodicity** drop-down list box to specify the period at which the Float Plan is to be generated.
- 7. In the 'Additional Details' group box, specify the **User Defined Details 1** and enter the remarks based on the Float Plan action.

The levels at which the Float Computation is managed are:

- Prime Part #
- ▶ Part Planning Group
- ▶ Part Interchangeability Key
- Part #

In the 'Part Details' group box,

8. Specify the Part Classification, Part Category, Part Planning Group of the part for which the Float Plan is to be

generated.

- 9. Select the **Include Life Limited Parts** and **Include Shelf Life Parts** checkboxes based on which the parts can be included for float Plan.
- 10. Click the **Associate Parts** link to manually provide the Parts for Float Plan.

In the 'Analysis For' section,

11. In the 'Pool Details' section, the system displays the Pool Tree with the Valid Pool Id's in Approved Status from the 'Maintain Pool Information' screen.

In the 'Customer # / Group' section,

- 12. Use the drop-down list box to specify the level at which the Customer tree is to be viewed.
- 13. The system displays 3 level tree grid with customer Group #, Customer # and Contract #, if "Customer Group" is selected in the drop-down field.
- 14. The system displays 2 level tree grid with Customer # and Contract, if "Customer #" is selected in the drop-down field.

In the 'Aircraft Model / Group' section,

- 15. Use the drop-down list box to specify the level at which the Aircraft tree is to be viewed.
- 16. The system displays 3 level tree grid with "Aircraft Group #", "Aircraft Model" and "Aircraft Reg #", if "Aircraft Group" is selected in the drop-down field.
- 17. The system displays 2 level tree grid with "Aircraft Model" and "Aircraft Reg #", if "Aircraft Model" is selected in the drop-down field.
- 18. Click the **Save** pushbutton to create the Float Forecast Plan.
  - Note: The status of the document changes to 'Fresh' if saved for the first time. If the document is revised, then the status changes to 'Revised'.
- 19. Click the **Confirm** pushbutton to confirm the Float Forecast Plan.
  - Note: The status of the document changes to 'Confirmed' status.
- 20. Click the Cancel pushbutton to cancel the Float Forecast Plan.
  - Note: The status of the document changes to 'Cancelled' status.
- 21. Click the **ShortClose** pushbutton to shortclose the Float Forecast Plan.
  - Note: The status of the document changes to 'Shortclosed' status.

#### To proceed, carry out the following

- Select the Upload Documents link to upload the documents for Float Forecast Plan.
- Select the View Associated Documents link to view the associated documents for Float Forecast Plan.

# 2.3 MANAGING FLOAT RUN

This activity allows the user to facilitate forecast run generation. Various criteria for analysis will be provided that will be referencing to Part Attributes, Pool, Customer attributes, aircraft attributes, etc. Additional filters like Open Demand, manual addition of parts are also available.

# 2.3.1 Managing Float Run

1. Select the **Manage Float Run** activity under the Float Management business component. **The Manage Float Run** page appears. *See Figure 2.4.* 

O Create Run ● Edit Run O View Run     Float Run # Run #, Float Type, Category       Docume     Doc. Actioning Status       Ref. Float Plan #/Rev. #     edit and view Float Run       Float Type     All       Plan Run Date     III	
Docume     Doc. Actioning Status       Ref. Float Plan #/Rev. #     edit and view Float Run	
Ref. Float Plan #/Rev. # Float Duttons to create, edit and view Float Run User Status User Status	
Processed Date & Time Category Planned by ET Category V	
Additional Details	
User Defined Details 1 Viser Defined Details 2 Cancellation Remarks	
Short Close Remarks	
Analysis Level Review & Action	
Part Details	
Part Classification 0 items selected 💌 Part Category 3 items selected 💌 ATA # 🔎 Part Planning Group 0 items selected 💌 IC Key	
Part Type 1 items selected V Part Class 0 items selected V Essentiality Code 0 items selected V Expense Type 0 items selected V	
Include Life Limited Parts 🗌 Include Shelf Life Parts 🇹	
Associate Parts	
Analysis For	
Customer # Johog Antonia Hodel	
5 BCKRFT-DA-1	

#### Figure 2.4 Managing Float Run

- 2. Select the Create Run, Edit Run or View Run radio button to Create, Modify or View the Float Run.
- 3. Enter the **Float Run #** and specify the **Revision #**of the Float Forecast Plan.
- 4. Click the **Go** pushbutton to retrieve the details of the Float Run # for the Rev # of the Float Run.
- 5. Use the Float Type drop-down list box to specify the type of the Float Forecast Run.
- 6. Use the **Periodicity** drop-down list box to specify the period at which the Float Run is to be generated.
- 7. In the 'Additional Details' group box, specify the **User Defined Details 1** and enter the remarks based on the Float Plan action.
- 8. Click the Analysis Level tab to specify the Part from Pool Tree, Customer Tree and Aircraft Tree.
- 9. Click the <u>Review Action</u> tab to review, update and confirm the results.

# **Analyzing Float Run**

In the 'Part Details' group box,

- 10. Specify the **Part Classification**, **Part Category**, **Part Planning Group** of the part for which the Float Run is to be generated.
- 11. Select the **Include Life Limited Parts** and **Include Shelf Life Parts** checkboxes based on which the parts can be included for float Run.

#### 12. Click the Associate Parts link to manually provide the Parts for Float Run.

In the 'Analysis For' section,

13. In the 'Pool Details' section, the system displays the Pool Tree with the Valid Pool Id's in Approved Status from the 'Maintain Pool Information' screen.

In the 'Customer # / Group' section,

- 14. Use the drop-down list box to specify the level at which the Customer tree is to be viewed.
- 15. The system displays 3 level tree grid with customer Group #, Customer # and Contract #, if "Customer Group" is selected in the drop-down field.
- 16. The system displays 2 level tree grid with Customer # and Contract, if "Customer #" is selected in the drop-down field.

In the 'Aircraft Model / Group' section,

- 17. Use the drop-down list box to specify the level at which the Aircraft tree is to be viewed.
- 18. The system displays 3 level tree grid with "Aircraft Group #", "Aircraft Model" and "Aircraft Reg #", if "Aircraft Group" is selected in the drop-down field.
- 19. The system displays 2 level tree grid with "Aircraft Model" and "Aircraft Reg #", if "Aircraft Model" is selected in the drop-down field.
- 20. Click the **Save** pushbutton to create the Float Run.
- 21. Click the **Confirm** pushbutton to confirm the Float Run.
- 22. Click the **Cancel** pushbutton to cancel the Float Run.
- 23. Click the **ShortClose** pushbutton to shortclose the Float Run.

#### To proceed, carry out the following

- 24. Select the Upload Documents link at the bottom of the page to upload the documents for Float Run.
- 25. Select the **View Associated Documents** link at the bottom of the page to view the associated documents for Float Run.

#### **Reviewing and Actioning Float Run**

This tab enables Updating and Confirming the Float Results. See Figure 2.5.

_	Run						RA	MCO OU-ram	nco role 🔻 📿 🟳	← ?
Doc	ument Status	Doc.	Actioning Statu	15						
tef. Float Plan #/Rev. #		Flo	at Type All	•	Plan Ru	in Date			User Statu	5
Processed Date & Time		Plar	nned by	ΞŦ	C	ategory		-		
dditional Details										
er Defined Details 1		<ul> <li>User Defined De</li> </ul>	tails 2		Cancellation	Remarks				
hort Close Remarks										
ysis Level Review & A	ction									
Q										
All Parts	0	Surplus Stock	0	Deficit Stock	0	Sufficient	Stock	0		
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iew & Action			Tiles displa	ving						
Found no rows to d	isplay!!! 🕨 🕨 🕇		the count o	of stock		C X I		4 All	▼ 9	iearch
Part Plannin	ig Group	Part #		For	recasted Float Qty,		Cu	rrent Float Qi	ty.	Float Qt

### Figure 2.5 Reviewing and Actioning Float Run

The system displays the following tiles along with the count.

- All Parts Displays the total count of stock.
- Surplus Stock Displays the count of stock of the Current Quantity > Forecasted Float Quantity Stock.
- Deficit Stock Displays the count of stock of the Current Quantity < Forecasted Float Quantity Stock.
- Sufficient Stock Displays the count of stock Current Quantity = Forecasted Float Quantity.
- 26. Enter the Float Qty. of the part for which the Float Runis generated.
- 27. Select the Action that is to be performed based on the float quantity.
- 28. Enter the Warehouse and Process Qty. for the parts.
- 29. Click the **Update Results** pushbutton to update the float quantity and the necessary action.
- 30. Click the **Confirm Results** pushbutton to confirm the float quantity and the necessary action.

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# 2.4 FLOAT COMPUTATION

The Float Computation will be done based on various participating parameters that can be derived from multiple transactions or manual entry or from the master definition. The participating parameters are Utilization History, Utilization Projection, Scheduled Removals, Unscheduled Removals, Scheduled Demand Projections, MTBUR, Purchase and Repair Turn Around Time, Scrap Rate, Purchase and Repair Cost and Service Levels.

# 2.4.1 Managing Utilization

The **Manage Utilization** screen enables the user to view and enter the Aircraft Utilization parameter at Aircraft Model level or Aircraft Registration # level. This screen also facilitates direct data entry and editing of the data retrieved from the transactions based on option settings

1. Select the Manage Utilization under the Float Management business component. The Manage Utilization page appears. *See Figure 2.5.* 

*	🗉 Ma	anage Utilization						RAMCO OU-ramco re	xe ▼ xt 🔒 🛱 🗲 ?	[ē
En	tity Type	Aircraft Reg #			Status		Period 03-24-20	20 🛗 - 09-10-2020	iiii Search	
	4	1 - 20/4021 • • • <b>+</b> -	🗇 🎘 🏋 🏋		人血尿	3 🗴 🖹 🖹 🗙	C 🛛 🖡 🛤	010 👭 🛠 🛛 All	<ul> <li>Search</li> </ul>	Q
#		Entity Type	Entity		Parameter	Year	Month	Actual Value	Projected Value	Rem
1		Aircraft Reg #	✓ 101	ΞŦ	FH 🗸	2020	June y	· 125		
2		Aircraft Reg #	v 102	ĒŦ	FH 🗸	2020	June	1		
3		Aircraft Reg #	v 11001	<u>=v</u>	FH 🗸	2020	June	1		
4		Aircraft Reg #	<ul> <li>1132</li> </ul>	ĒV	FH 🗸	2020	June	1		
5		Aircraft Reg #	v 1133	<u>-v</u>	FH 🗸	2020	June	1		
6		Aircraft Reg #	✓ 12181	ĒV	FH 🗸	2020	June	1		
7		Aircraft Reg #	✓ 123	ĒŦ	FH 🗸	2020	June y	1		
8		Aircraft Reg #	✓ 1573	Ē¥	FH 🗸	2020	June	•		
9		Aircraft Reg #	<ul> <li>1573-01</li> </ul>	ΞŦ	FH 🗸	2020	June	•		
10		Aircraft Reg #	✓ 5001	ΞŦ	FH v	2020	June	•		
11		Aircraft Reg #	✓ 5007	ΞŦ	FH 🗸	2020	June			
12		Aircraft Reg #	✓ 5008	ΞŦ	FH 🗸	2020	June	•		
13		Aircraft Reg #	✓ 5009	Ξ¥	FH 🗸	2020	June y			
14		Aircraft Reg #	✓ 6-001	Ē¥	FH 🗸	2020	June	•		
15		Aircraft Reg #	<ul> <li>GYJMB</li> </ul>	Ξ¥	FH 🗸	2020	June y	•		
16		Aircraft Reg #	GYJMD	Ēv	FH 🗸	2020	June	20000		
17		Aircraft Reg #	GY-JMR-1	ΞŦ	FH 🗸	2020	June ,			
18		Aircraft Reg #	✓ 791	Ēv	FH 🗸	2020	June	•		
19		Aircraft Reg #	✓ 792	<u>.</u> v	FH 🗸	2020	June	•		
20		Aircraft Reg #	✓ 793	Ēv	FH ¥	2020	June	•		
		4								Þ

#### Figure 2.5 Managing Utilization

2. In the search criteria, specify the **Entity** and enter the **Period**for which the Utilization parameter details are to be retrieved.

In the multiline,

- 3. Use the **Entity Type** drop-down list box to specify the entity type for which the aircraft utilization parameter is recorded.
- 4. Specify the Entity for the Entity Type selected and select the parameter which could be "FH" or "FC".
- 5. Specify the **Year** and **Month** for which the aircraft utilization parameter is recorded.
- 6. Enter the Actual Value and Projected Value of the aircraft utilization parameter.
- 7. Use the drop-down list box to specify the **status** of the aircraft utilization parameter which could be "Active" or "Inactive".
- 8. Click the **Save** pushbutton to record the aircraft utilization parameter details.

# 2.4.2 Managing MTBUR

The "Manage MTBUR" screen enables the user to view the Mean time Between Unscheduled Removals parameter at Aircraft Model level or Aircraft Registration # level. This screen also facilitates direct data entry and editing the data retrieved from the transactions based on option settings

1. Select the **Manage MTBUR** under the **Float Management** business component. The **Manage MTBUR** page appears. *SeeFigure2.6.* 

*	Ma	nage MTBUR				RA	MCO OU-ramco role 👻 💢 🖨 🛱	<b>← ?</b> [₀
Enti	ity Type	Aircraft Reg # 💌 Part :	ŧ <u>IV</u> I	MTBUR >	Status	Per	iod 03-06-2020 🕮 - 09-07-2020 🕮	Search
		1 - 19/57 🕨 🗰 🕇 🗖 🗇 🗡 🏋		노 🖿 🗟 🕅	2 🖹 ×* C 🛛 🛪 🖬 🖬 🖬	*	All 💌 Search	Q
#		Entity Type	Entity		Part #		Year	Month
1		Aircraft Reg #	101	Ξv		-	2020	July
2		Aircraft Reg #	101	ΞŦ	:35895	-	2020	April
3		Aircraft Reg #	101	ΞŦ	:35895_NOV15		2020	June
4		Aircraft Reg #	101	Ēv	00001	=•	2020	July
5		Aircraft Reg #	101	Ēv	0-0033466-0:2D671	-	2020	May
6		Aircraft Reg #	101	Ēv	0-0102-3-3597:36361	<b>_</b>	2020	March
7		Aircraft Reg #	102	Ē¥	:35895	<u> </u>	2020	
8		Aircraft Reg #	6Y-JMR-1	Ēv	VRI2404-2	-	2020	July
9		Aircraft Reg #	6Y-JMR-1	Ēv	VRI2404-3	<u> </u>	2020	July
10		Aircraft Reg #	6Y-JMR-1	Ēv	VRI2404-4	Ξ¥	2020	July
11		Aircraft Reg #	A1	Ēv	254B	-	2020	March
12		Aircraft Reg #	V-001	Ēv	FLT-01	-	2020	March
13		Aircraft Reg #	V-001	Ēv	FLT-01	=v	2020	April
14		Aircraft Reg #	V-001	Ēv	FLT-01	-	2020	May
15		Aircraft Reg #	V-001	Ēv	FLT-01	-	2020	June
16		Aircraft Reg #	V-001	<u>=</u> •	FLT-01	<u> </u>	2020	August
17		Aircraft Reg #	V-001	Ēv	FLT-02	-	2020	March
18		Aircraft Reg #	V-001	Ξ <b>v</b>	FLT-02	-	2020	April
19		Aircraft Reg #	V-001	<u>=</u> •	FLT-02	=•	2020	May
		4						•
				Save				
				Save				

Figure 2.6 Manage MTBUR

2. In the search criteria, specify the **Entity Type**and enter the **Period** for which the MTBUR parameter details are to be retrieved.

In the multiline,

- 3. Use the Entity Type drop-down list box to specify the entity type for which the MTBUR parameter is recorded.
- 4. Specify the Entity for the Entity Type selected and select the Part #.
- 5. Specify the Year and Month for which the MTBUR parameter is recorded.
- 6. Enter the **MTBUR** of the part which could be one of the following value:
  - MTBUR entered by the user.
  - MTBUR retrieved by the system based on the transaction for the Aircraft Reg # as defined in "Reinitialize/Update Parameter Values" activity of the "Aircraft" business component. MTBUR = Aircraft Utilization (in FH)/No of Unscheduled Removals.
- 7. Use the drop-down list box to specify the status of the MTBUR parameter which could be "Active" or "Inactive".
- 8. Click the Save pushbutton to record the MTBUR parameter details.

# 2.4.3 Managing Costs

The "Manage Costs" screen enables the user to enter the Vendor/Part LevelTAT Purchase Costs and Repair Costs. This screen also facilitates direct data entry and editing the data retrieved from the transactions based on option settings. 1. Select the **Manage Costs** under the **Float Management** business component. The **Manage Costs** page appears. *See Figure 2.7.* 

*	🗏 Ma	nage Costs							RAMO	0 0	J-ramco role 👻 ⊃¢	₽₽€?⊡
	Cost For	Purchase 💌	S	upplier #	Pa	art # 📃 🔤	Stat	tus	Period 0	3-02	-2020 🛗 - 09-07-202	20 🗰 Search
	4	1 - 19/749 🕨 🕨	÷	- 🗆 🛰 🍸 🗡		人 🗉 🗟 🗹 🛛		🖹 ×* 🗳 🕺 🐺	H III 14 🚿 🗌	All	•	Search Q
#		Cost For		Supplier #		Part #		Year	Month		Value	Remarks
1		Purchase	~	00060	2	:35895	•	2020	March	~	100.00	Purchase
2		Purchase	~	00060	2	:35895_NOV15	¥	2020		~	23.00	
з		Purchase	~	00000	2	:35895_LOT	¥	2020	April	~	1.00	Part Supplier Mapping
4		Purchase	~	00198	2	000:99999	¥	2020		~	90.00	
5		Purchase	~	00000	2	0-001-368-016:35895	Ŧ	2020	April	~	1.00	Part Supplier Mapping
6		Purchase	~	00144	2	RCPTPEGPART99	Ŧ	2020		~	8.00	Purchase Cost
7		Purchase	~	00000	2	0-0050845-0:5N982	-*	2020	April	~	1.00	Part Supplier Mapping
8		Purchase	~	00000	Ē	0-0130-3-7020:36361		2020	April	~	1.00	Part Supplier Mapping
9		Purchase	~	00000	2	0-0150-3-0449:36361	Ŧ	2020	April	~	1.00	Part Supplier Mapping
10		Purchase	~	00000	Ē	00COMPONENT	Ŧ	2020	April	~	400.00	Part Supplier Mapping
11		Purchase	~	00000	2	00COMPONENTT	Ŧ	2020	April	~	500.00	Part Supplier Mapping
12		Purchase	~	00000	2	0-100-11	Ţ	2020	April	~	1.00	Part Supplier Mapping
13		Purchase	~	00000 ==	2	0-1245-2351	Ţ	2020	April	~	300.00	Part Supplier Mapping
14		Purchase	~	00000	2	02CFEC4A-7	Ţ	2020	April	~	1.00	Part Supplier Mapping
15		Purchase	~	00000 ==	2	1567C3B1-E	Ŧ	2020	April	~	1.00	Part Supplier Mapping
16		Purchase	~	00000	2	74A849AD-B	Ŧ	2020	April	~	1.00	Part Supplier Mapping
17		Purchase	~	00000	2	900957AD-7		2020	April	~	1.00	Part Supplier Mapping
18		Purchase	~	00000	2	A1	Ŧ	2020	April	~	0.00	Part Supplier Mapping
19		Purchase	~	00000	ε,	ACTUATOR-111		2020	April	~	1.00	Part Supplier Mapping
		•										+
_												
						Save						

Figure 2.7 Managing Costs

2. In the search criteria, specify the **Cost For**and enter the **Supplier #** for which the Costs details are to be retrieved.

In the multiline,

- 3. Use the **Cost For** drop-down list box to specify the option for which the Costs are recorded.
  - Purchase Indicates that the costs for the part mentioned in the Purchase Order is recorded.
  - Repair Indicates that the costs for the part mentioned in the Repair Quotation is recorded.
- 4. Specify the Supplier #whose Purchase or Repair Costs is recorded and the Part #.
- 5. Specify the **Year** and **Month** for which the Costs parameter is recorded.
- 6. Enter the Value which is the Purchase Cost or Repair Cost of the part.
- 7. Use the drop-down list box to specify the status of the costs which could be "Active" or "Inactive".
- 8. Click the Save pushbutton to record the Costs details of the part.

# 2.4.4 Managing Demand

The "Manage Demand" screen enables the user to enter the Actual/Projected demand against contract or Aircraft for Parts. This screen also facilitates direct data entry and editing the data retrieved from the transactions based on option setting,

1. Select the **Manage Costs** under the **Float Management** business component. The **Manage Costs** page appears. *SeeFigure2.7.* 

# ramco

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* 8	De	mand Managemer	nt Hub									RAM	CO OU-ramco role 👻 🕽	¢ 🗗 🗲	? []
i= !	Q														20
۲	To be	Assigned 212	🎫 To b	e Planned	25 Ope	en MRs	0	Purchase Requ	ests 0	Und	er Orders 0		Under Receving	0	
To be A	ssigned											View	Simple	🔘 Detail	
•	1	- 12/212 🕨 🕨 🕂		7				~ 1	. 5 🗴 🛛	× C 🗙	¥ 🖬 💷 🚹 %	All	▼ Searc	:h	Q
#		MR #	Need Date	MR Priority	Warehouse #	Part #	Part Desc.	Reg. Qty	Pend. Qty	Closed Qty	Assignee 🔎	Name	Processing Status		Ship E
1		MR-002496-2014	05-16-2014	Normal	0123	FIFO	FIFO	1.00	1.00	0.00				~	•
2		MR-002505-2014	05-16-2014	Normal	0123	MIN LOT1	min LOT1	1.00	1.00	0.00				~	
3		MR-002498-2014	05-16-2014	Normal	0123	LIFO	LIFO	1.00	1.00	0.00				~	
4		MR-002498-2014	05-16-2014	Normal	0123	MIN LOT1	min LOT1	1.00	1.00	0.00				~	
5		MR-002499-2014	05-16-2014	Normal	0123	LIFO	LIFO	1.00	1.00	0.00				~	•
6		MR-002499-2014	05-16-2014	Normal	0123	MIN LOT1	min LOT1	1.00	1.00	0.00				~	
7		MR-002503-2014	05-16-2014	Normal	0123	LIFO	LIFO	1.00	1.00	0.00				~	
8		MR-002503-2014	05-16-2014	Normal	0123	MIN LOT1	min LOT1	1.00	1.00	0.00				~	•
9		MR-002504-2014	05-16-2014	Normal	0123	LIFO	LIFO	1.00	1.00	0.00				~	
10		MR-002504-2014	05-16-2014	Normal	0123	MIN LOT1	min LOT1	1.00	1.00	0.00				~	
11		MR-002509-2014	05-19-2014	Normal	0123	FIFO	FIFO	1.00	1.00	0.00				~	•
12		MR-002510-2014	05-19-2014	Normal	0123	LIFO	LIFO	1.00	1.00	0.00				~	
											4				- F
							Sav	/e							
											Quick Links				•

Figure 2.7 Managing Demand

2. In the search criteria, specify the **Demand Nature**, **Demand For**and enter the **Part #** for which the demand against parts are to be retrieved.

In the multiline,

- 3. Use the **Demand Nature** drop-down list box to specify the nature of the Demand against parts.
  - Scheduled Indicates that the nature of the demand of parts is forecasted.
  - Unscheduled Indicates that the nature of the demand of parts is unforeseen.
- 4. Use the **Demand For** drop-down list box to specify the entity type for demand which could be "Aircraft" or "Contract".
- 5. Enter the Demand For Entity for which the part is on demand which could be Aircraft Reg # or Contract #.
- 6. Specify the **Year** and **Month** for which the Demand parameter is recorded.
- 7. Enter the **Projected Qty.** and **Actual Qty.** of parts that is on demand for a month or year.
- 8. Use the drop-down list box to specify the status of the Demand which could be "Active" or "Inactive".
- 9. Click the Save pushbutton to record the demand details of the part.

# 2.4.5 Managing Scrap Rate

The "Manage Scrap Rate" screen enables the user to maintain the scrap rate for parts at vendor level based on history of Repairs. This screen also facilitates direct data entry and editing the data retrieved from the transactions based on option setting.

1. Select the Manage Scrap Rate under the Float Management business component. The Manage Scrap Rate page appears. *See Figure2.8.* 



* [	Ma	nage Scrap Rate				RAMCO OU-ramco role 🔻 🔀 🛱	← ? 🗔
		Part #	Sta	itus 🗸 🔻	Peri	od 02-04-2020 📾 09-07-2020 📾 Se	earch
		1 - 19/50 🕨 🕨 🕇 🗖 🎘 🔪	7	人口同	🛛 🖂 🖹 🎽 🗳 🗳 🗶 📕 🚽	🖬 💷 🕈 🖌 🖌 All 🔍 Search	Q
#		Part #	Year	Month	Value	Remarks	Status
1		000:99999	2020	~	0.60	Scrap rate	Active
2		RCPTPEGPART88	2020	April 🗸 🗸	0.80	Manage Scrap Rate	Active
3		:35895	2020	May 🗸	0.50	Damaged and scraped	Active
4		FLT-01	2020	February 🗸	0.31		Active
5		FLT-01	2020	March 🗸	0.11		Active
6		FLT-01	2020	April 🗸 🗸	0.26		Active
7		FLT-01	2020	May 🗸	0.00		Active
8		FLT-01	2020	June 🗸	0.08		Active
9		FLT-01	2020	July 🗸	1.00		Active
10		FLT-01	2020	August 🗸	0.90		Active
11		FLT-02	2020	February 🗸	0.54		Active
12		FLT-02	2020	March 🗸	0.11		Active
13		FLT-02	2020	April 🗸	0.76		Active
14		FLT-02	2020	May 🗸	0.00		Active
15		FLT-02	2020	June 🗸	0.08		Active
16		FLT-02	2020	July 🗸	0.90		Active
17		FLT-02	2020	August 🗸	1.00		Active
18		FLT-03	2020	February 🗸	0.31		Active
19		FLT-03	2020	March 🗸	0.11		Active
		•					
				s	ave		

#### Figure 2.8 Managing Scrap Rate

2. In the search criteria, enter the **Part #**and **Period** for which the Scarp Rate of parts is to be retrieved.

In the multiline,

- 3. Enter the **Part #**for which the scrap Rate is recorded.
- 4. Specify the **Year** and **Month** for which the Scrap Rate is recorded.
- 5. Enter the **Scrap Rate** of parts which could be one of the following values:
  - If the transaction count is less than the minimum count, then the system displays the scrap rate marked as default for the Part #.
  - If the transaction count is >= the minimum count, then the system computes the scrap rate as (Scrap Quantity/ Removal Qty )\*100
- 6. Use the drop-down list box to specify the status of the Scrap Rate of Parts which could be "Active" or "Inactive".
- 7. Click the Save pushbutton to record the Scrap Rate parameter details of the part.



# 2.5 MANAGING TAT FOR FLOAT COMPUTATION

The "Manage Default Lead Time Configuration" screen enables the user to define the Average Lead Time to replenish the stock from RO/PO/LO/PR etc., for float computation. This screen also facilitates direct data entry and editing the data retrieved from the transactions based on option settings.

# 2.5.1 Managing Default Lead Time Definition

1. Select the Manage Default Lead Time Configuration under the Float Management business component. The Manage Default Lead Time Configuration page appears. *See Figure 2.9.* 

* [	Ma	nage Default Lead Time Defini	tion			RAMCO OU-ramco rol	e 🔻 📿	₽ ←	? [	0
Lead Ti	me For	Purchase Time Type	GI Processing Time	▼ Rule ID	Rule Des	c.	Value>			
	(	1 - 1/1 > > + - 🗆 🛪 🕇	X		▶ 🗉 🛛 🖸 🖬 ×	SI II I		-	5earch	
#		Lead Time For	Time Type		Rule ID	Rule Description		Rule		Ru
1		Purchase	<ul> <li>Component</li> </ul>	~						
2		Purchase	×	~						
		4			t	lick to define le Rules				
		Save				Confirm				

Figure 2.9 Managing Default Lead Time Definition

2. In the search criteria, specify the **Lead Time For**and enter the **Rule ID** for which the Standard Lead Time details are to be retrieved.

In the multiline,

- 3. Use the **Lead Time For** drop-down list box to specify the option for which the Standard Lead Time details are recorded.
  - Purchase Indicates that the Standard Lead Time details for Purchase is recorded.
  - Repair Indicates that the Standard Lead Time details for Repair is recorded.
- 4. Enter the number identifying the Rule of the Standard Lead Time Configuration
- 5. Click the **Rule** icon to define rules of the Standard lead Time Configuration for time types. The **Standard Lead Time Configuration** pop-up appears.
  - Note: The Rule icon appears in 'green' color if the rule parameters are defined, else the rule icon appears in 'grey' color.
- 6. The **Rule value** displays all the saved parameters along with the 'And'and'Or' operators as defined in the pop-up.
- 7. Enter the **Value** as number of days needs to process the Rule ID transaction.
- 8. Specify the **Unit** of measurement of the Rule value which could be "Calendar Days" or "Business Days".
- 9. Click the **Save** pushbutton to record the Standard Lead Time Configuration details.

### Standard Lead Time Configuration pop-up

This pop-up enables the user to define rules of the Standard lead Time Configuration for time types.

10. Click the Rule icon in the multiline of the Manage Default Lead Time Configuration screen in Float Management



business component. The Standard Lead Time Configuration pop-up appears.

- 11. In the 'Rule Info' section, the system displays the Rule ID, Rule Description, Effective From and Effective To.
- 12. Select the And, Or tiles to specify the filter criteria for the Configuration Parameters.
- 13. Select the Not True checkbox to retrieve the value that does not satisfy the filters.
- 14. Specify the Parameter, Relational Operator and Value for the Rule.

# 2.5.2 Managing Lead Time

The "Manage Lead Time" screen enables the user to enter the Lead Time for part. This screen also facilitates direct data entry and editing the data retrieved from the transactions based on option settings.

1. Select the Manage Lead Time under the Float Management business component. The Manage Lead Time page appears. *See Figure 2.11.* 

*		Ма	nage Lead Time					RAMCO OU-r	amco role 💌	<b>2</b> ¢	80	<b>+</b> 1	? 🗔
Lea	ad Tim	ne For	Purchase Time Type GI Proce	essing Time 💌 Supplier #	Ξ▼ Part #	ET Status	▼ Period 0	15-04-2020	- 09-	08-2020	D		Search
•	4		1 - 1/1 🕨 🗰 🕇 🗖 🕅 🕅	7 7	~ ~ !	• 5 x x = × C	X # ₩ Ш	tt 🞋 🛛 All		-	Search		Q
#	2		Lead Time For	Time Type	Supplier	# Part #		Year	Month		Value		UC
1			Purchase 🗸	GI Processing Time	*	<u>=</u>	<u> </u>			~			
2			~		×	<u>=</u> *	<u> </u>			~			
													÷.
						Save							

Figure 2.11 Managing Lead Time

2. In the search criteria, specify the Lead Time For and enter the Time Type for which the part level TAT details are to be retrieved.

#### In the multiline,

- 3. Use the Lead Time For drop-down list box to specify the option for which the part level TAT details are recorded.
  - Purchase Indicates that the Lead Time for the part in the Purchase is recorded.
  - Repair Indicates that the Lead Time for the part in the Repair is recorded.
- 4. Use the Time Type drop-down list box to specify the Time Type of the Lead Time.
- 5. Enter the **Supplier #** and **Part** for which the lead Time is recorded.
- 6. Use the drop-down list box to specify the status of the Lead Time which could be "Active" or "Inactive".
- 7. Click the Save pushbutton to record the Lead Time details of the part.

# 2.6 MANAGE FLOAT PLAN AND RUN

# 2.6.1 Managing Float Plan and Run

This activity enables the user to inquire status of the Float Plans/Runs generated as a quick summary with efficient search criteria. This screen also enables the user to review across multiple Plans/Runs. Provision to Force Close the runs where entire review/action is not mandatory is also provided in this screen.

- 1. Select the Manage Float Plan and Run activity under the Float Management business component. The Manage Float Plan and Run page appears. *See Figure 2.14.*
- 2. Specify the **Document Type** which could be "Float Plan" or "Float Run".
- 3. Enter the **Document #** and specify the **Document Status**.
- 4. In the Advanced Search section, specify the search criteria that are to be retrieved in the multiline.
- 5. Document details are displayed in the multiline based on the specified criteria.
- 6. Click the ForceClose pushbutton to forceclose the selected Document in the multiline.

🖈 🗏 Manage Float Plan and Run RAMCO OU-ramco role 🔻 🕮 🖨 🗲 ?												? 🗔	ł	
	Docur	ment Type Float Run 🔻		Document # Float Plan	n #, Float Run #	Document Status	5 Fresh		<ul> <li>Docum</li> </ul>	nent Descri	iption			
Adv	anced !	Search												_
Se	arch On	Pool / Customer / Aircraft Attril	butes	Search By	•	-	Category	Category		▼ Float	Type			
Confirm	ed Date	-		🕮 Scheduled Date	-	1	Process Period			▼ Plann	ed By			
Use	r Status	<b>•</b>												
					Search									
Search	Results													
	4	1 . 10/co 🕨 🕨 🕇 🗇	1 9K <b>T</b> 7		<b>人</b> III	티 아 다 티 ×	52 X 🛶 🔟	14	All		-	Search		-
±		Document Type	Document #	Document Status	Float Type		Category (		All - 5		P	lanned Bi	v	
1		Float Run	FLT000001RUN	Fresh	Entity	-								
2		Float Run	FLT-0000792020	Fresh	Entity	Ct	Ctgry1 user2							
3		Float Run	PLN0000462020	Fresh	Entity	Entity			iser2					
4		Float Run	PLN0000472020	Fresh	Entity			u	iser2					
5		Float Run	PLN0000482020	Fresh	Entity									
6		Float Run	PLN0000492020	Fresh	Entity	Entity								
7		Float Run	PLN0000532020	Fresh	Entity	Entity Ctgry1			Jsrsts1			0000001		
8		Float Run	RUN0000022020	Fresh	Entity				iser2					
9		Float Run	RUN0000032020	Fresh	Entity	Click the								
10 🔲 Float Run RUN000042020				Fresh	Entity	pus	hbutton to	4	iser2					
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Figure 2.14Managing Float Plan and Run

# 2.7 FLOAT RESULTS

This activity allows the user to review the float results where the Optimized Results can be modified, recomputed and updated.

# 2.7.1 Reviewing Float Results

1. Select the **Review Float Results** activity under the Float Management business component. **The Review Float Results** page appears. *See Figure 2.15.* 

1	r 🔳	Rev	iew Float Results						RAMCO OU-ramco ro	e 🔻 X\$ 🔒	₽ € ?	6
		Flo	oat Run # All		Go							
	Ref. Flo Proces	at Plan # ssed Dat	# / Rev # E & Time	nter Run # / Floa	Float Type All	▼	Plan Run Date Category		•	Jser Status US Status	2 💌	
F	oat Co	omputa	tion & Optimizat	ype / Category								
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	#		Part Planning Group		Part #	Revision #	Current Float Qty.		Modified Float Qty.	Optimized Float	t (Service Level &	k C
	1								9.00			
	2											
			4								1	•

Figure 2.15 Reviewing Float Results

- 2. Enter the Float Run #and click the Go pushbutton.
- 3. The **Ref. Float Plan #, Float Type, Plan Run Date, User Status, Processed Date & Time, Planned by, Category, Status** are retrieved that is saved against the Run #.
- Select the <u>Float Computation & Optimization</u> tab to view and modify the values computed by the Float Engine for the Part #/ Part Planning Group.
- 5. Select the **Float Input Parameters** tab to record the Float Input Parameters.

# **Float Computation and Optimization**

This tab enables to view and modify the values computed by the Float Engine for the Part #/ Part Planning Group.

- 6. Enter the Modified Float Qty., Optimized Float, Float for Unscheduled Demand and Float for Scheduled Demand.
- 7. Enter the **Optimized Unscheduled Demand**, **Optimized Scheduled Demand**, **Forecasted Unscheduled Demand** and **Forecasted Scheduled Demand**.

# **Float Input Parameters**

This tab enables to record the Float Input Parameters. See Figure 2.16.



Revi	ew Float Results				RAMCO OU-ra	amco role 🔻 🕫 🖨 🗲	? 🗔
Flo	at Run # All	Go					
at Plan #	/ Rev #	Float Type All	-	Plan Run Date		User Status US 2	•
ssed Date	e & Time	Planned By		Category	<b>•</b>	Status	
mputatio	n & Optimization Float Input Parame	ters					
Found	no rows to display!!! 🕨 🕨 🕇 🗖 🗇	» <b>T</b> X		) ו C 🗙 🖡 🗰 💷	t¥ % All	<ul> <li>Search</li> </ul>	Q
	Part Planning Group	Part #	Scheduled Demand Histor	ry	Unscheduled Demand H	History	Proj
							•
	Revi Flo at Plan # mputatio	Review Float Results Float Run # All at Plan # / Rev # ssed Date & Time mputation & Optimization Float Input Parame Found no rows to display!!! > >> +	Review Float Results         Float Run # All         at Plan # / Rev #         seed Date & Time         Planned By         mputation & Optimization         Float Input Parameters         Found no rows to display!!!         Part Planning Group         Part Planning Group	Review Float Results         Float Run # All         at Plan # / Rev #         seed Date & Time         Planned By         mputation & Optimization         Float Input Parameters         Found no rows to display!!!         Part Planning Group         Part #         Scheduled Demand Histo	Review Float Results         Float Run # All         at Plan # / Rev #         seed Date & Time         Planned By         Category         mputation & Optimization         Float Input Parameters         Found no rows to display!!!         Part Planning Group         Part #         Scheduled Demand History	Review Float Results       RAMCO OUrz         Float Run #       All         at Plan # / Rev #       Float Type         sed Date & Time       Plan Run Date         planned By       Category         mputation & Optimization       Float Input Parameters         Found no rows to display!!!       Image: Scheduled Demand History         Part Planning Group       Part #         Scheduled Demand History       Unscheduled Demand H	RAMCO OU-rance role * X P I I Float Run # All Go         Review Float Run # All Go         All Plan Run Date User Status US 2         seed Date & Time         Plan add By         Category I I Category I I I I I I I I I I I I I I I I I I I

#### Figure 2.15 Reviewing Float Input Parameters

- 8. Enter the Scheduled Demand History, Unscheduled Demand History, Projected Scheduled Demand and Projected Unscheduled Demand.
- 9. Click the Recompute pushbutton to recompute the float.
- 10. Click the **Reset** pushbutton to reset the float computation.
- 11. Click the **Update** tab to update the float computation. Revision # will be generated/incremented in the line level for the modified lines and the modified values will be saved against the Latest Revision.

#### To proceed, carry out the following

- 12. Click the Manage Float Plan link at the bottom of the page to manage the float forecast plan.
- 13. Click the Manage Float Run link at the bottom of the page to manage the Float Run.
- 14. Click the **View Parts Information** link at the bottom of the page to view the parts details of float plan.
- 15. Click the Upload Documents link at the bottom of the page to upload the documents for Float Forecast Plan.
- 16. Click the **View Associated Documents** link at the bottom of the page to view the associated documents for Float Forecast Plan.

# 2.7.2 Reviewing Float

This activity allows the user to perform float analysis and review for a single part in detail for a Float Run # and Entity combination. Provision to simulate float computation, update and reset is provided in this screen.

1. Select the Float Review activity under the Float Management business component. The Float Review page appears. See Figure 2.16.



A Float Analysis & Review											
Float Analysis & Review (《(12)》 ] /2 (中国の) 取日中の日 (日本)											
Float Forecast Run#	FP-78990019-4649		Entity 41004509-1	Ŧ	Current Float Qty. 19		Revision# 2	Process	sed Expected Service L	evel 98 %	
Float Computation	n & Optimization		Forecasted Float Qty. 30	Z	Input Parameters (Demand &	Utilization)		×	Input Parameters (Others)	22	
Parameter		Value	Remarks		Parameter	Value	Remarks		Parameter	Value Rearks	
Demand Fore	ecasted			-	Scheduled Demand			-	Turn Around Time	^	
Scheduled Dem	and	340	Using Guassian Distribution		Scheduled Removals History	461			Purchase Turn Around Time		
Unscheduled De	emand	186 Using Poisson Distribution			Scheduled Demand Plan	164		Repair Turn Around Time		Value can be set	
Eleat Quantit	×				Unscheduled Demand				😑 Scrap Rate	using slider	
Computed For S	Scheduled Demand	20	Formula Based		Unscheduled Removals History	192			Scrap Rate		
Computed For U	Unscheduled Demand	10	Formula Based		MTBUR	1386			🖃 Cost	_	
Optimized( By S	Service Level)	10 Poisson Dist			Aircraft Utilization				Purchase Cost	9481	
for Unscheduler	d Demand		P 0133011 Dist.		Utilization History	217791			Repair Cost	3792	
for Unscheduled	d Demand	10	LP-Across Parts	-			Recompute	Re	set Update		
Float Quantity	25	Deman	d Forecast	Re & F	emoval History Plan	Utilizatio	n & MTBUR	<b>3</b> 1	AT & Costs	Scrap Rate	
Float Optimization	Service Level & Cost										
Service Level	Cost	Float Q	<b>ty:</b>					2		22	
46%	75848		8	000 -		-		0			
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99%	132734		14		0.46 0.92 0.96 0.97	0.98	0.985 0.99				
99%	142215		15		Service Level	Service Leve					
					Bervice Level Cost						
										30 Minute(s) 6.30 PM	

Figure 2.16 Float Analysis & review

- 2. Enter the Float Run #and specify the Entity for which the float computation and Optimization is to be performed.
- 3. In the **Input Parameters (Demand &Utilization)** section, parameter values for **Scheduled Demand, Unscheduled Demand** and **Aircraft Utilization** can be updated.
- 4. In the **Input Parameters (Others)** section, parameter values for **Turn Around Time**, **Scrap Rate** and **Cost** can be updated.
- 5. In the **Float Computation & Optimization** section, float forecasted quantity, computed and optimized values are displayed.
- 6. Click the **Recompute** pushbutton to recompute the float results.
- 7. Click the **Reset** pushbutton to reset to the previously saved values.
- 8. Click the Update pushbutton to update the modified values and recomputed the float results.
- 9. In the **Float Quantity** tab, the system displays the Float Optimization and Service Level & Cost details are displayed in table and chart format.
- 10. In the **Demand Forecast** tab, the system displays the Demand Forecasted values for the period displayed in table and chart format.
- 11. In the **Removal History & Plan** tab, the system displays the Scheduled Demand and Unscheduled Demand history & plan in table and chart format.

#### In the Utilization & MTBUR tab

- 12. The system displays the Actual and Projected Utilization for the A/C Model in table and chart format.
- 13. The system displays the MTBUR for the period in table and chart format.
- 14. In the **TAT & Costs** tab, the system displays the Turn Around Time and Costs for Purchase and repair in table and chart format.
- 15. In the **Scrap Rate** tab, the system displays the scrap rate for period in table and chart format.

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