GENERATE DAILY COSTS

This Handout outlines the impacts on Daily Costs when working with Resources that have subordinates. The generation of daily costs is dependent on whether the Generate Costs checkbox is checked. Review the scenarios below to see how the system handles each situation.

NOTE: e-ISuite automatically checks or un-checks the **Generate Costs** checkbox based on the Resource configuration.

1. A Resource with no Subordinates that may or may not contain actual posted Time (e.g. most overhead resources, resources with no subordinates, contract resources without subordinates.):

   a. **Parent Resource** - Generate Costs is checked.

   b. **Subordinate Resource** - There is no subordinate resource.

2. A Resource with Subordinates. No Time posted for either the Parent or the Subordinate (e.g. Non-contract Crews and Engines prior to posting actual time):

   a. **Parent Resource** - Generate Costs is checked.

   b. **Subordinate Resource** - Generate Costs is NOT checked.

3. A Resource with Subordinates. Actual Time is Posted to a Subordinate (e.g. Federal Crews and Engines after Actual Time was posted.

   a. **Parent Resource** - Generate Costs is NOT checked.

   b. **Subordinate Resource** - Generate Costs is checked for All Subordinates, even if only one Subordinate has an actual Time posting.

   NOTE: If all actual Time postings are deleted in the Time module for All Subordinates, then Generate Costs is checked for the Parent and NOT checked for the Subordinates.

4. A Resource with Subordinates. Actual Time is posted to both the Parent and the Subordinates. (e.g. Pickup truck with AD driver.)

   a. **Parent Resource** - Generate Costs is checked.

   b. **Subordinate Resource** - Generate Costs is checked.

5. Air Resources without Subordinates:

   a. **Parent Resource** - Generate Costs is checked.

   b. **Subordinate Resource** - There is no subordinate resource.

6. Air Resources with Subordinates either with or without Time posted:

   a. **Parent Resource** - Generate Costs is checked.

   b. **Subordinate Resource** - Generate Costs is checked.

   NOTE: Both Parent and Subordinate are checked to generate separate aircraft and crew costs.

HELIBASE DAILY USE and COST SUMMARY

Date: _____   **Helibase Name:** _____   **Incident/Project Name:** _____   **Helibase Manager:** _____

	N #	Make/Model	Type	Contract Type	Total PAX Transported	Total Pounds Cargo	Total Gallons Water	Total Gallons Retardant	Total Gallons Foam	Flight Hours	Individual Aircraft Cost
A-300	699RH	S-61N	1	CWN		19,160	25,920			5.0	$27,135.00
A-301	191CH	BV107	1	CWN			23,750			4.6	$25,869.00
A-302	205HQ	B205A++	2	CWN	25	900				4.0	$10,321.00
A-303	17HX	B205A1++	2	CWN	44	1176				5.2	$11,787.00
A-304	407NA	B407	3	OAS	4	2052				2.9	$7,362.30
A-305	51UH	B206	3	CWN	6					5.7	$5,235.40
A-306	8343F	Hughes 500	3	ST	2					3.1	$3,893.45
Total Aircraft Use and Cost						**23288**	**49670**			**30.5**	**$91,603.15**

Additional Support Expenses (Itemize Below)	Cost
Total	

Grand Total Cost of Helibase This Operational Period: **$91,603.15**

Unit 6 COST HO-2

HELIBASE DAILY USE and COST SUMMARY

Date: _____ **Helibase Name:** _____ **Incident/Project Name:** _____ **Helibase Manager:** _____

	N #	Make/Model	Type	Contract Type	Total PAX Transported	Total Pounds Cargo	Total Gallons Water	Total Gallons Retardant	Total Gallons Foam	Flight Hours	Individual Aircraft Cost
A-300	699RH	S-61N	1	CWN		9,300	13,860			3.2	$22,580.30
A-301	191CH	BV107	1	CWN		1,730	2,000			1.6	$17,977.60
A-302	205HQ	B205A++	2	CWN	50	1,415				3.9	$10,456.60
A-303	17HX	B205A1++	2	CWN	42	6,000				6.0	$12,369.00
A-304	407NA	B407	3	ST	5					3.0	$3,834.55
A-305	51UH	B206	3	CWN	2					4.1	$4,464.20
A-306	8343F	Hughes 500	3	OAS	21	370				3.9	$8,394.90
Total Aircraft Use and Cost						**18815**	**15860**			**25.7**	**$80,077.15**

Additional Support Expenses (Itemize Below)	Cost
Total	

Grand Total Cost of Helibase This Operational Period: $80,077.15

HELIBASE DAILY USE and COST SUMMARY

Date: _____ **Helibase Name:** _____ **Incident/Project Name:** _____ **Helibase Manager:** _____

	N #	Make/Model	Type	Contract Type	Total PAX Transported	Total Pounds Cargo	Total Gallons Water	Total Gallons Retardant	Total Gallons Foam	Flight Hours	Individual Aircraft Cost
A-300	699RH	S-61N	1	CWN			25,872			6.4	$30,605.60
A-301	191CH	BV107	1	CWN						0.0	$6,756.00
A-302	205HQ	B205A++	2	CWN	76	5,339				6.3	$12,914.20
A-303	17HX	B205A1++	2	CWN	49	3,000				7.0	$13,393.00
A-304	407NA	B407	3	CWN	3					3.1	$3,938.10
A-305	51UH	B206	3	ST	4					2.8	$3,728.75
A-306	8343F	Hughes 500	3	OAS	10					3.9	$8,049.30
Total Aircraft Use and Cost							**25872**			**29.5**	**$79,384.95**

Additional Support Expenses (Itemize Below)	Cost
Total	

Grand Total Cost of Helibase This Operational Period: **$79,384.95**

Unit 6 COST HO-4

REDMOND AIR TANKER BASE - DAILY COSTSUMMARY

OPERATIONAL PERIOD:

BASE MANAGER:

INCIDENT NAME:

BASE ID

PHONE:

INCIDENT NUMBER:

RDM

FAX

USER UNIT:

EMAIL :

INCIDENT COST

AIRCRAFT INFORMATION		LANDING FEE			RETARDANT COST				FLIGHT COST				PER DIEM			EXTENDED HOURS			TOTAL AIRCRAFT COSTS 2	
A/C # (ONLY)	MAKE/ MODEL	No.	COST PER 1000	Cost	LOADS	QTY GALS	$ PER GAL	COST	FLIGHT RATE	HR	MIN	COST	#	RATE	COST	HR	CREW #	COST		
T-20	P-3A	3	3.07 322.35	967.05	3	7,627	0.879	6,704.13	$6,104.00		1.15	7,019.60				1	3	117	14807.78	
T-458	AT-802				3	2,200	0.879	1,933.80	$1,410.00		2.50	3,525.00	2	110	220	1	2	78	5756.80	
TOTAL FOR FIXED BASE:		3		967.05	6	9,827		8,637.93		3.65		10544.60	2		220	2	5	195	20,565	

Unit 6 COST HO-5

COST RESOURCES EXERCISE

Create resource records for each of the following on the Resource Other Costs Tab:

Accounting Code (auto-fill)	Request Number (optional)	Status (auto-fill)	Cost Description	Item Code	Item Name (auto-fill)	Agency	Payment Agency (if applicable)	Assign Date	Accrual Code (auto-fill)	Generate Daily Costs (auto-check)	Remarks
ABCD		C	Mob/Demob	TRAN	Transportation In/Out	FS		dd/mm/year	EXCL	Check	
ABCD		C	Mob/Demob	TRAN	Transportation In/Out	MT		dd/mm/year	MT	Check	Transportation costs for State employees
ABCD		C	Buying Team Supplies	SUP	Supplies	FS		dd/mm/year	EXCL	Check	
ABCD		C	Expanded Dispatch	OS	Overhead Support	FS		dd/mm/year	EXCL	Check	State employee purchasing with Agency card.
ABCD		C	Supplies	SUP	Supplies	MT		dd/mm/year	MT	Check	

USFS ACCRUAL CODE MATRIX

Resources Description	Accrual Code	Criteria	Forest Service Jurisdiction OR *Forest Service Payment Agency Accrue Yes or No	DOI Jurisdiction OR *DOI Payment Agency BIA, BLM, BOEM, BOR, BSEE, NPS, OSM, FWS, USGS Accrue Yes or No	All Other Jurisdiction OR *Payment Agency is Other Jurisdiction i.e. States Accrue Yes or No
National Caterer and Showers	CONT	Item Code is = CTR or SHW AND Resource Agency = PVT	YES	YES	YES
Forest Service Casuals (AD's)	AD	Resource Agency = USFS AND Employment Code = AD	YES	YES	YES
Local State Resources and Cooperators	Two Letter State Code from Resource Agency or Home Unit i.e. (CA, MT, TX)	Resource has a State Agency that is the same as the Incident State OR the Resource Agency is RUR, CNTY or CTY and Home Unit State is the same as the Incident State	YES	NO	NO
Out of State Resources and Cooperators	Two Letter State Code from Resource Agency or Home Unit i.e. (CA, MT, TX)	Resource has a State Agency that is NOT the same as the Incident State and the Resource Agency is RUR, CNTY or CTY and Home Unit State is NOT the same as the Incident State	YES	NO	YES
Contract Resources (non-Aircraft)	CONT	Resource is not Aircraft AND Resource Agency = PVT	YES	NO	NO
AMD Agency Resources	AMD	Resource Agency = AMD	YES	NO	NO
NWS Agency Resources	NOAA	Resource Agency = NWS	YES	NO	NO
International Resources	INTL	User defined	N/A	N/A	N/A
All Resources not meeting the Accrual Requirement	EXCL	All Resources not meeting the above criteria	NO	NO	NO

*If a Payment Agency is established for a resource the Payment Agency rules will override the Jurisdictional Agency

Exercise 1

Per the Delegation of Authority, this incident has been given a limit of $3.5 million dollars. Use the following information to create a projection that identifies whether the total cost of the incident will exceed the dollar limitation. The current plan is to increase resources and have the fire contained in 5 days. Additional resources are expected as follows:

ETA Tomorrow

- 3 Type 1 Crews (HC1)
- 5 Type 2 Crews (HC2)
- 4 Type 3 Engines (ENG3)
- 2 Water Tenders (WTT1)
- 10 Additional Direct Overhead Personnel (OD)

ETA the Following Day

- 2 Type 1 Crews (HC1)
- 6 Type 2 Crews (HC2)
- 3 Type 3 Engines (ENG3)
- 1 Water Tender (WTT1)
- 15 Additional Direct Overhead Personnel (OD)

In addition, a special Type 1 Helicopter (HEL1) will be working on the fire for the next 3 days. It has an average cost of $75,000 per day.

Use the following steps to create the projection:
1. Create a projection entitled Training Projection.
2. Enter the number of days as 5.
3. Save the projection.
4. Click the "Update Resource Summary" button to populate the resource summary with the current day's resource costs and quantities.
5. Click the "Update Worksheet" button to populate the projection worksheet.
6. Edit the projection worksheet based on the information defined above.
7. Review the report.

Exercise 2

Use the following information to update the projection to include a Skidgine (SKG1) for the last 3 days:
1. Add a resource, SKG1, in the manually added section of the projection module.
2. Click the "Update Worksheet" button to populate the projection worksheet.
3. Edit the projection worksheet to reflect the SKG1 for the proper number of days.
4. Review the report.

Sort Categories

Most of the Sort Category reports described below can be run with the following parameters:

- Reports Only, Graph Only or Reports And Graph

- Grouped by Accounting Code, Agency, Payment Agency, Cost Group, Unit ID or Incident.

- Selected Date Range.

- Additional filters that are specific by report.

Group Category Summary
This option creates a report and/or graph by day including all days from the start date of the incident. Each day is a separate column in the report and is summarized by item codes, with a total at the bottom of each day

Summary by Resource
This option creates a report similar to the group category summary, but with more detail. Instead of being summarized by item code, this report breaks out each resource into a separate line, with a summary total by item code.

Summary for Current Day
This option creates a report with two columns containing a summary of the costs for the current system date and the costs to date.

Detail by Resource Report
This option creates a report, grouped by Item code, with a section for each resource. The resource section includes a detailed cost record for each day the resource has generated costs on the incident. The report can be run for all non-overhead resources or for all overhead resources.
.

Group Category Total
This option creates a summary report and/or graph by group Category. The report will contain a column for each item in the group category. For example, if Agency is selected as the group category, there would be a summary column for each agency.

Aircraft

- **Aircraft Detail Report -** This report identifies the aircraft costs based on those resources that were assigned **Aircraft item codes** (i.e.AT).

Other Categories

Analysis:

- **Resource Cost**- This report identifies the average cost by Item Code or by resource that exceeds a preset standard cost.

- **Exception –** This set of reports includes five specific exception reports for use in analyzing cost data, and improving the accuracy of costs.
  - Resources with no actual time posted.
  - Resources daily cost exceeds $10,000. The user can also specify a different amount.
  - Resources with actual time postings, but 3 or more days of unposted time. The user can also specify any number of days.
  - Resources with no agency assigned.
  - Resources with missing assign dates or status is F.

- **Resource/Item Code by Cost**—Report grouped by Item Code including all resources sorted by highest to lowest cost.

- **Resource/Item Code by Cost Overhead**—Overhead only report grouped by Item Code including all resources sorted by highest to lowest cost.

Cost Share:

- **Cost Share Summary** - This report identifies the **Daily Cost** for the **Shift** on the listed dates. It also identifies, by Agency, the percentage of the cost obligations for the **Shift** on the listed dates.

- **Cost Share by Shift and Item Code** - This report identifies the **Daily Cost** for the **Shift** and **Item Code** on the listed dates. It also identifies the **Agency** percentage of the cost obligations for the **Shift** and **Item Code** on the listed dates.

- **Cost Share Detail** - This report contains detailed **Cost Share** information for listed **Shifts** and **Resources**. This information includes **Daily Cost by Agency**.

- **Cost Share Resource Worksheet** - This report contains **Cost Share** information for listed Resources. This information includes **Daily Cost**, **by Agency**.