

# 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
15456	S-61N	1	CWN		19,160	25,920			5.0	\$27,135.00
185CH	BV107	1	CWN			23,750			4.6	\$25,869.00
97HJ	B205A++	2	CWN	25	900				4.0	\$10,321.00
223HT	B205A1++	2	CWN	44	1176				5.2	\$11,787.00
407NA	B407	3	OAS	4	2052				2.9	\$7,362.30
51UH	B206	3	CWN	6					5.7	\$5,235.40
8343F	Hughes 500	3	ST	2					3.1	\$3,893.45
<b>Total Aircraft Use and Cost</b>					<b>23288</b>	<b>49670</b>			<b>30.5</b>	<b>\$91,603.15</b>

Additional Support Expenses (Itemize Below)	Cost
<b>Total</b>	

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

# 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
15456	S-61N	1	CWN		9,300	13,860			3.2	\$22,580.30
185CH	BV107	1	CWN		1,730	2,000			1.6	\$17,977.60
223HT	B205A1++	2	CWN	50	1,415				3.9	\$10,456.60
97HJ	B205A++	2	CWN	42	6,000				6.0	\$12,369.00
343F	Hughes 500	3	ST	5					3.0	\$3,834.55
51UH	B206	3	CWN	2					4.1	\$4,464.20
407NA	B407	3	OAS	21	370				3.9	\$8,394.90
<b>Total Aircraft Use and Cost</b>					<b>18815</b>	<b>15860</b>			<b>25.7</b>	<b>\$80,077.15</b>

Additional Support Expenses (Itemize Below)	Cost
<b>Total</b>	

**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
15456	S-61N	1	CWN			25,872			6.4	\$30,605.60
185CH	BV107	1	CWN						0.0	\$6,756.00
223HT	B205A1++	2	CWN	76	5,339				6.3	\$12,914.20
97HJ	B205A++	2	CWN	49	3,000				7.0	\$13,393.00
51UH	B206	3	CWN	3					3.1	\$3,938.10
8343F	Hughes 500	3	ST	4					2.8	\$3,728.75
407NA	B407	3	OAS	10					3.9	\$8,049.30
<b>Total Aircraft Use and Cost</b>						<b>25872</b>			<b>29.5</b>	<b>\$79,384.95</b>

Additional Support Expenses (Itemize Below)	Cost
185CH released at noon.	
<b>Total</b>	

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



## COST RESOURCES EXERCISE

---

Create resource records for each of the following:

1. Cache supplies (CACH).
2. Mob/Demob (TRAN).
3. Buying Team purchases (SUP).
4. Expanded Dispatch (OS).
5. Supplies - other (SUP).
6. Helicopters (HELI).

**NOTE:** When adding Helicopter resources, refer to the Helicopter Use Summary Handouts (HBM-7 A, HBM-7 B, HBM-7 C).

## Cost Resources Exercise

Request #	Account code	Person or Contract	Resource Name	Kind	Status	Unit ID	Agency	Config	Release Date/Time	Contract Agency	Assign Date	Accrual Code	Remarks	Generate Daily Costs
S-9998		blank	Cache Supplies	CACH	C	Blank	FS	S		FS	dd/mm/year			Check
S-9997		blank	Mob/Demob	TRAN	C	Blank	FS	S		FS	dd/mm/year			Check
S-9996		blank	Mob/Demob	TRAN	C	Blank	WA	S		WA	dd/mm/year		Transportation costs for State employees	Check
S-9993		blank	Buying Team Supplies	SUP	C	Local Unit	FS	S		FS	dd/mm/year			Check
S-9992		blank	Expanded Dispatch	OS	C	Blank	FS	S		FS	dd/mm/year			Check
S-9991		blank	Supplies	SUP	C	Local Unit	WA	S		WA	dd/mm/year		State Employee purchasing with Agency card	Check
S-9990**		blank	Helicopter		C						dd/mm/year			Check

\*\* Refer to Helicopter Use Summy sheets for Specific information



## 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.
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.



## COST REPORT DEFINITIONS

---

### **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 and/or graph 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.

## 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 four specific exception reports for use in analyzing cost data, and improving the accuracy of costs.
  - Resources with no actual time posted
  - Resources with daily costs exceeding an amount that you enter.
  - Resources with actual time postings, but days of unposted time. User specified number of days.
  - Resources with no daily cost records
- **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.

### Aircraft:

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

### 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**.

## USFS ACCRUAL CODE MATRIX

Resources Description	Accrual Code	Criteria	Forest Service Jurisdiction <b>OR</b> *Forest Service Payment Agency Accrue Yes or No	DOI Jurisdiction <b>OR</b> *DOI Payment Agency BIA, BLM, BOEM, BOR, BSEE, NPS, OSM, FWS, USGS Accrue Yes or No	All Other Jurisdiction <b>OR</b> *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



## COST PROJECTIONS EXERCISE

---

### Exercise 1

Use the following information to create a projection that identifies whether the total cost of the incident will exceed the dollar limitation in the Wildland Fire Situation Analysis (WFSA). For this incident, that amount is \$3.5 million. 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 6 Engines (ENG6)
- 2 Water Tenders (WAT2)
- 10 Additional Direct Overhead Personnel (OD)

#### ETA the Following Day

- 2 Type 1 Crews (HC1)
- 6 Type 2 Crews (HC2)
- 3 Type 6 Engines (ENG6)
- 1 Water Tender (WAT2)
- 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 WFSA Analysis.
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 (SKID) for the last 3 days:

1. Add a resource, SKID, 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 SKID for the proper number of days.
4. Review the report.

# REDMOND AIR TANKER BASE - DAILY COST SUMMARY

OPERATIONAL PERIOD: \_\_\_\_\_  
 INCIDENT NAME: \_\_\_\_\_  
 INCIDENT NUMBER: \_\_\_\_\_  
 USER UNIT: \_\_\_\_\_

BASE MANAGER:

BASE ID  
RDM

PHONE:  
 FAX :  
 EMAIL :

AIRCRAFT INFORMATION		INCIDENT COST																	
A/C # (ONLY)	MAKE/ MODEL	LANDING FEE			RETARDANT COST				FLIGHT COST				PER DIEM			EXTENDED HOURS			TOTAL AIRCRAFT COSTS 2
		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			7,019.60				1	3	117	14807.78
T-458	AT-802				3	2,200	0.879	1,933.80	\$1,410.00			3,525.00	2	110	220	1	2	78	5756.80
<b>TOTAL FOR FIXED BASE:</b>		3		967.05	6	9,827		8,637.93		3.65		10544.60	2		220	2	5	195	20,565

**1** Remarks: \_\_\_\_\_

**1** Make an entry only for availability to be charged to the incident in Miscellaneous Cost: availability or post-season.  
 If availability is paid out of presuppression funds, do not enter as a Miscellaneous Cost.  
 \* Sum of costs for Landing Fee, Retardant, Flight Time, Per Diem, Extended Hours, and Miscellaneous Cost