

Air Asset Integrity- Sherpa Modification and Working Capital Fund Balances

House Report 114–170—As part of any request for funds to perform modifications to the C-23B Sherpa aircraft transferred pursuant to the fiscal year 2014 National Defense Authorization Act (NDAA, PL 113-66), the Forest Service shall provide information on the balances remaining in the Working Capital Fund of the Forest Service for light fixed-wing aircraft.

The Forest Service plans to operate 10 of the 15 C-23B+ aircraft provided in the fiscal year (FY) 2014 NDAA. To date, the Forest Service has expended approximately \$4.5 million towards certificating and modifying the C-23B+ to SD3-60 Sherpa aircraft for the smokejumper mission. Below, and in Tables 1 and 2, are a breakdown of the costs expended to date, the status of where the aircraft are in the modification process, and the estimated amount needed to complete each process:

- All 10 aircraft have been painted in the Forest Service paint scheme for a total cost of approximately \$353,000.
- Seven of the 10 aircraft have been fully certificated to SD3-60 Sherpas with two aircraft currently undergoing the process. The final aircraft will start the certification process at the beginning of FY 2019. Approximately \$4.04 million has been expended to date, which includes the costs to complete all necessary inspections, maintenance, aircraft modifications, engine overhauls, and propeller/governor overhauls. The Agency estimates roughly \$1.5 million will be spent for the certification of the remaining aircraft and roughly \$1 million on additional engine overhauls.
- The first aircraft is nearing completion of the avionics upgrade with approximately \$49,000 paid thus far to the contractor. Once the work on the first aircraft has been reviewed and accepted by the Forest Service, the contractor will be fully paid for the first aircraft and begin work on the remaining aircraft. The estimated total to install the avionics upgrade on all 10 aircraft is \$13.85 million.
- One of the 10 aircraft has been modified with the smokejumper equipment at a cost of roughly \$93,000. The cost of the first aircraft included the required engineering documentation, parts manufacturing, and the manufacturing of spare parts. The modification for the remaining nine aircraft will range from \$20,000 to \$50,000 per aircraft, with the cost decreasing as each individual aircraft is modified.

Table 1. Sherpa Working Capital Fund Account Cash Balance Statement.

This table illustrates the cash balance statement of the Sherpa WCF account with additional columns added to provide a description of the planned future expenses. These future expenses include the funds transferred to support the remaining work required to modify the aircraft, as well as future operational costs.

1309 SD3-60 Sherpa WCF Account Cash Balance Statement with Remaining Balance Planned for Future Expenses										
FUNCTIONAL AREA	(FISCAL YEAR) BUDGET PERIOD	CASH BALANCE FWD	COLLECTIONS	DISBURSEMENTS	CASH BALANCE	RECEIVABLES	COMMITMENTS	OBLIGATIONS	EXPEND AUTH UNPAID	PROJECTED CASH BALANCE
	14XX	4,605,581.36	0.00	(740,247.08)	3,865,334.28	0.00	(2,500.00)	(1,149,377.57)	(182,796.33)	2,530,660.38
	15XX	7,852,233.48	0.00	(31.30)	7,852,202.18	0.00	0.00	(6,955,374.00)	0.00	896,828.18
	16XX	1,584,165.11	0.00	(677.36)	1,583,487.75	0.00	0.00	0.00	0.00	1,583,487.75
	17XX	4,196,567.90	27,027.00	(548.98)	4,223,045.92	0.00	0.00	0.00	0.00	4,223,045.92
	18XX	0.00	2,889,901.00	(1,505.13)	2,888,395.87	0.00	0.00	0.00	0.00	2,888,395.87
Working Capital Aircraft Operations Account Total		18,238,547.85	2,916,928.00	(743,009.85)	20,412,466.00	0.00	(2,500.00)	(8,104,751.57)	(182,796.33)	12,122,418.10
	12XX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	13XX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	14XX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	15XX	1,018,055.00	0.00	0.00	1,018,055.00	0.00	0.00	0.00	0.00	1,018,055.00
	16XX	6,000,000.00	0.00	0.00	6,000,000.00	0.00	0.00	0.00	0.00	6,000,000.00
	17XX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	18XX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Working Capital Aircraft Reserve Account Total		7,018,055.00	0.00	0.00	7,018,055.00	0.00	0.00	0.00	0.00	7,018,055.00
Grand Total		25,256,602.85	2,916,928.00	(743,009.85)	27,430,521.00	0.00	(2,500.00)	(8,104,751.57)	(182,796.33)	19,140,473.10

Table 2. Sherpa Modification Total Spending by Budget Period, Updated July 9, 2018.

This report shows the commitments, obligations, and expenditures to date by budget period (FY14 to FY18) from the Forest Service financial system. This table shows all of the **costs to date** that have been expended to modify the aircraft in order to prepare them for operations in the smokejumper mission.

1309 SD3-60 Sherpa Modification Total Spending by Budget Period					Updated: 7/9/2018
(FISCAL YEAR) BUDGET PERIOD	Commitments	Obligations	Expenditures	Total	Reason for Expenditure
14XX	232,137.62	979,328.84	3,503,305.86	4,714,772.32	Approximately \$3.02M on aircraft maintenance/certification contract; \$118k on paint; \$249k on engine contract; \$53k on propellers and governors; \$26.5k on micro-purchase cards for parts/service; \$28k on avionics upgrades; \$6.4k on engineering documentation
15XX	0.00	6,955,374.00	257,759.38	7,213,133.38	Approximately \$235k on paint; \$21k on avionics upgrades, \$1.5k on government salary and other admin costs
16XX	0.00	0.00	689,642.52	689,642.52	Approximately \$687k on aircraft certification; \$2.4k on micro-purchase cards for parts, government salary, and other admin costs
17XX	0.00	0.00	93,541.09	93,541.09	\$92.7k for smokejumper equipment; \$830 other admin costs
18XX	0.00	0.00	0.00	0.00	
Grand Total	232,137.62	7,934,702.84	4,544,248.85	12,711,089.31	