



RECORD OF CONVERSATION

Michael J. Hodges
Air Safety Investigator
Central Regional Office
Office of Aviation Safety
National Transportation Safety Board

Date: 03/01/2021

Person Contacted: Mr. Michael Erwin (Pilot – N902LP, Bell OH-58C)

NTSB Case Number: CEN21LA135

Narrative:

The following is a synopsis of the information provided by Mr. Michael Erwin to the NTSB investigator-in-charge, via an email message.

- In regard to the mechanical failure question on the previous form, the only box which should have been checked is NO. If both were checked it was a typo. I do not believe that this accident was a result of any mechanical failures.

The following is a synopsis of the information provided by Mr. Michael Erwin to the NTSB investigator-in-charge, via a telephone conversation.

- Mr. Erwin was asked if he had completed a performance planning card for the accident flight, such as what the U.S. Army utilizes (Department of Army Form 5701-228 is utilized for the OH-58C). Mr. Erwin reported that he did not.
- Mr. Erwin reported the accident flight was a public aircraft operation.
- Mr. Erwin reported that he was familiar with the performance values of the helicopter for the accident flight.

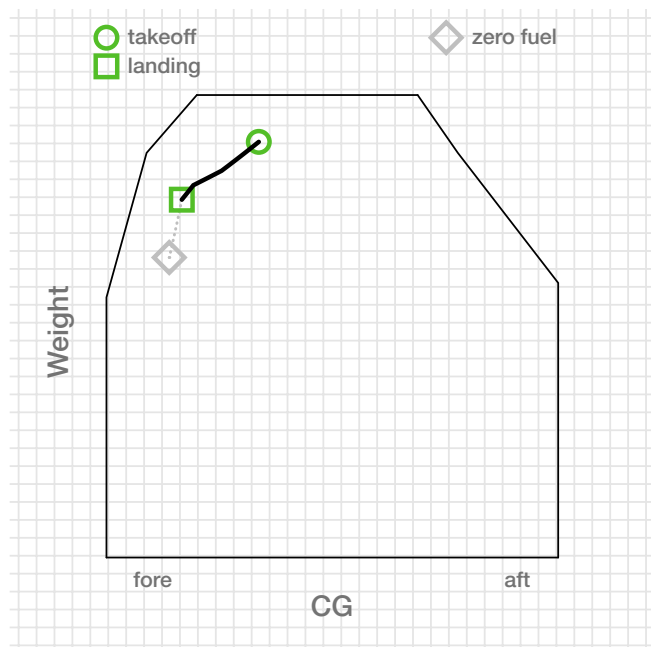
Loading Summary

N902LP OH58

Bell Bell OH-58

February 27, 2021 18:18:51 GMT

Graph



Notices

Loading Appears OK

Ramp (max 3,200 lb)

Ramp Weight	3,038 lb
Ramp Fuel	400 lb Jet-A

Takeoff (max 3,200 lb)

Takeoff Weight	3,038 lb
CG (106.2 to 112)	108.2 in
Takeoff Fuel	400 lb Jet-A

Landing (max 3,200 lb)

Landing Weight	2,838 lb
CG (105.7 to 112.9)	106.7 in
Fuel Remaining	200 lb Jet-A

Zero Fuel (max 3,200 lb)

Zero Fuel Weight	2,638 lb
CG (105.4 to 113.8)	106.5 in

Station Limits

Front Seats	480 of 600 lb
Back Fwd-Facing Seats	250 of 600 lb
Baggage Area	0 of 400 lb
Main Tank	400 of 600 lb Jet-A

Loading Summary

N902LP OH58

Bell Bell OH-58

February 27, 2021 18:18:51 GMT

Takeoff Audit

65.0000 in	480.0000 lb
Front Seats	31200.0000 in-lb
104.0000 in	250.0000 lb
Back Fwd-Facing Seats	26000.0000 in-lb
117.2000 in	1908.0000 lb
Empty Aircraft	223617.6000 in-lb
120.0000 in	400.0000 lb
Main Tank *	48000.0000 in-lb
130.0000 in	0.0000 lb
Baggage Area	0.0000 in-lb
108.2349 in	3038.0000 lb
Takeoff Summary	328817.6000 in-lb

* moment table lookup

Landing Audit

65.0000 in	480.0000 lb
Front Seats	31200.0000 in-lb
104.0000 in	250.0000 lb
Back Fwd-Facing Seats	26000.0000 in-lb
110.0000 in	200.0000 lb
Main Tank *	22000.0000 in-lb
117.2000 in	1908.0000 lb
Empty Aircraft	223617.6000 in-lb
130.0000 in	0.0000 lb
Baggage Area	0.0000 in-lb
106.7011 in	2838.0000 lb
Landing Summary	302817.6000 in-lb

* moment table lookup

OH-58A/C AND TH-67 PERFORMANCE PLANNING CARD

For use of this form, see TC 3-04.12; the proponent agency is TRADOC.

HOVER DATA

AIRCRAFT GWT				FUEL	
lbs				lbs/gal	
PA CUR	PA MAX	FAT CUR	FAT MAX	LOAD AVAIL CUR PA/FAT	
				IGE	OGE
				LOAD AVAIL MAX PA/FAT	
				IGE	OGE
MAX TORQUE AVAIL (CURR/MAX)				%	%
CONT TORQUE AVAIL (CURR/MAX)				%	%
HOVER IGE TORQUE (CURR/MAX)				%	%
HOVER OGE TORQUE (CURR/MAX)				%	%
MAX ALLOW GWT IGE (CURR/MAX)				%	%
MAX ALLOW GWT OGI (CURR/MAX)				%	%
SAFE PEDAL MARGIN				YES ☐	NO ☐

CRUISE DATA

ALT		FAT (C)	GWT	VNE
				IAS
IAS		TAS	FUEL	TORQUE
MAX R/C/ENDURANCE	IAS		FUEL	TORQUE
MAX RANGE	IAS		FUEL	TORQUE

FUEL MANAGEMENT

START (TIME lbs/gal)	STOP (TIME lbs/gal)	RESERVE (TIME)
FUEL FLOW	BURNOUT (TIME)	BINGO/RESERVE
PPH/GPH		lbs/gal

ARRIVAL DATA

PA MAX	FAT MAX	LANDING GWT
MAX TORQUE AVAIL (MAX)		
CONT TORQUE AVAIL (MAX)		
HOVER IGE TORQUE (MAX)		
HOVER OGE TORQUE (MAX)		
MAX ALLOWABLE GWT IGE (MAX)		
MAX ALLOWABLE GWT OGE (MAX)		

REMARKS

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WEIGHT AND BALANCE		
DEPARTURE DATA	WEIGHT	MOMENT
BASIC WEIGHT (OIL INCLUDED)		
CREW AND FLIGHT EQUIPMENT FORWARD (F.S. 65)		
OPERATION WEIGHT		
CREW/PAX/CARGO AFT (F.S. 104)		
BAGGAGE/CARGO (F.S. 148)		
ZERO FUEL WEIGHT		
TAKEOFF FUEL (GAL/LB)		
EXTERNAL LOAD		
DEPARTURE GROSS WEIGHT		
DEPARTURE CG		
ALLOWABLE CG RANGE	VMC:	IMC:
LANDING DATA	WEIGHT	MOMENT
OPERATING WEIGHT		
ARRIVAL FUEL (GAL/LB)		
CREW/PAX/CARGO AFT (F.S. 104)		
BAGGAGE/CARGO (F.S. 148)		
EXTERNAL LOAD		
ARRIVAL GROSS WEIGHT		
ARRIVAL CG		
ALLOWABLE CG RANGE	VMC:	IMC:
REMARKS		