

EQUIPMENT CHANGE - WEIGHT & BALANCE

REG. NO.		MODEL		Serial No.
N 703TH		DHC-3		456
RE weighed aircraft		Weight	Arm	Moments
Previous Aircraft Empty Weight:		lbs	inches	inch/lbs
		4763	143.4	683014.2
remove diamond plate floor				0
replaced wall panels with lightweight kydex				0
				0
aircraft re weighed				0
				0
				0
				0
				0
				0
				0
				0
				0
Totals				0

(User records the weight & balance info from his current records.)

A. Old Empty Weight	4763 lbs
B. Old Empty CG	143.4 inches
C. Old Empty Weight CG Moment	683,014 inch/lbs
D. Max Gross Weight	8367 lbs
E. Old Useful Load	3604 lbs

(The new values are automatically calculated and the results shown below.)

A. New Empty Weight	4425 lbs
B. New Empty CG	141.1 inches
C. New Empty Weight CG Moment	624,367.50 inch/lbs
D. Max Gross Weight	8367 lbs
E. New Useful Load	3942 lbs

This new weight & balance information superseads all previous weight and balance data.
For aircraft loading, see instructions in Weight & Balance Section of Aircraft Flight Manual.

FAA Form 337 Completed? ☐ no
Equipment List Amended? ☐ no

Hans Munich [REDACTED] Date: 3/15/17
Notes: REWEIGH

This form may be used for English or Metric CG calculations.

Yakutat Coastal Airlines

Weight and Balance for Otter N703TH

FLIGHT (DATE AND NUMBER)		5/24/22 #3	
PILOT'S WEIGHT		195	
<u>PASSENGERS AND CARGO WEIGHT</u>		<u>WEIGHT IN POUNDS</u>	
CO-PILOT		190	
SEAT 1		—	
SEAT 2		—	
SEAT 3		—	
SEAT 4		—	
SEAT 5		—	
SEAT 6		—	
SEAT 7		—	
SEAT 8		225	
SEAT 9		265	
CARGO AREA A		800	
CARGO AREA B		675	
CARGO AREA C		60	
REAR CARGO		420	
<u>FUEL</u>	<u>IN GALLONS</u>	<u>WEIGHT IN POUNDS@7lbs a gal</u>	
HEADER	30 GAL.	210	
FRONT TANK	60 GAL.	420	
CENTER TANK	— GAL.	—	
REAR TANK	— GAL.	—	
TOTAL WEIGHT OF LOAD		3460	
EMPTY WEIGHT OF PLANE		4425 LBS.	
WEIGHT OF PLANE WITH LOAD		7885	

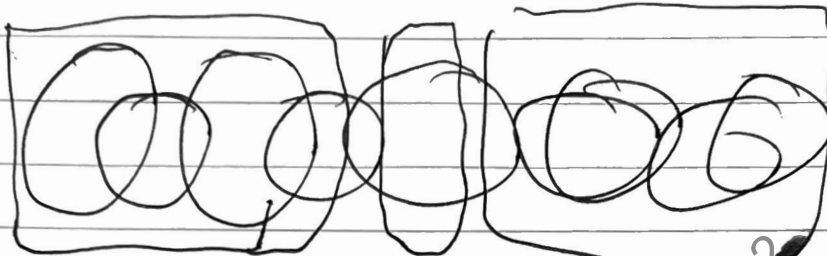
Document Provided to NTSB on May 28, 2022

200#
Pilot

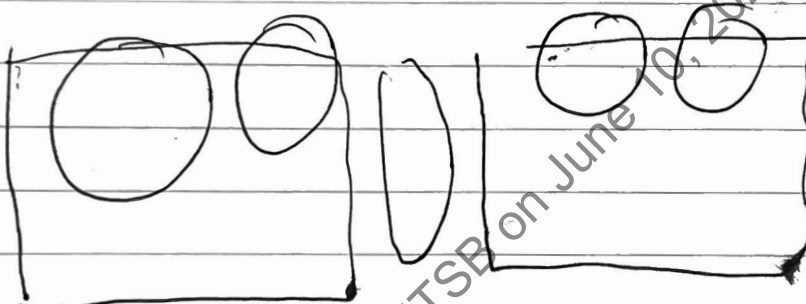
190#
CO PILOT

BULKHEAD

SEC A
652#



SEC B
449#



SEC C
305#



NET

SECTION
170#

D
Door

170#
SAW
HEAD
BAG

SEAT 8
240#

SEC E

SEAT 9
270#

REAR NET

REAR BAG
420

Yakutat Costal Airlines
Weight and Balance for Otter N703TH

Date 5/24/22 YAK - Dry

WEIGHT IN POUNDS (LBS)

PILOTS WEIGHT <u>200</u>		
PASSENGERS' AND CARGO WEIGHT		weight in Pounds (Lbs.)
CO-PILOT <u>190</u>		<u>190 #</u>
~Section A ~ Seat 1.		<u>652 #</u>
Seat 2.		
~Section B ~ Seat 3.		<u>449 #</u>
Seat 4.		
~Section C ~ Seat 5.		<u>305 #</u>
Seat 6.		
~Section D ~ Seat 7.		<u>170 #</u>
~Section E ~ Seat 8.		<u>240 #</u>
Seat 9.		<u>270 #</u>
REAR CARGO		<u>420 #</u>
FUEL	(IN GALLONS)	weight in Pounds Lbs. 6.8 a gal
HEADER	<u>30</u> GAL.	<u>204</u>
FRONT TANK	<u>61</u> GAL.	<u>366 414.8</u>
CENTER TANK	GAL.	
REAR TANK	GAL.	
TOTAL WEIGHT OF LOAD		
EMPTY WEIGHT OF PLANE		<u>4435 Lbs.</u>
WEIGHT OF PLANE WITH LOAD		<u>7949</u>

Done

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