WEIGHT AND BALANCE REPORT

BELL 206L-3, S/N 51076, N 202PH

6/2/2016

THE ABOVE IDENTIFIED AIRCRAFT WEIGHED THIS DATE IN HIGH SKID CONFIGURATION; WITH STANDARD BELL HELICOPTER PLASTIC INTERIOR AND UPHOLSTERY. SEE BELL STANDARD EQUIPMENT LIST FOR INSTALLED EQUIPMENT. AIRCRAFT WEIGHED WITH FULL ENGINE OIL, FULL HYDRAULIC OIL AS WELL AS FULL TAIL ROTOR GEARBOX .AIRCRAFT WAS WEIGHED WITH

205.0 lbs. JET A FUEL ON BOARD AT TIME OF WEIGHING. ALL DOORS WERE ATTACHED AT THIS TIME.

NOTES:

1. AIRCRAFT WAS WEIGHED IN A CLOSED HANGAR.

2. AIRCRAFT WAS LEVELED BY USE OF PLUMB BOB METHOD

3. AIRCRAFT WEIGHED ON INTERCOMP AIRCRAFT SCALES SERIAL NUMBER #10659

4. AIRCRAFT DUE CALIBRATION DATE OF 6/4/2016

AIRCRAFT AS WEIGHED WEIGHT ARM MOMENT

LEFT FRONT JACK POINT (55.16) 670.00 55.16 36957.20

RIGHT FRONT JACK (55.16) 725.00 55.16 39991.00

REAR CENTER JACK (204.92) 1371.00 204.92 280945.32

FUEL REMOVED (205. Gals.) - 205.00 137.50 - 28187.50

**NEW AIRCRAFT EMPTY WEIGHT 2561.00 128.75 329706.02**

AIRCRAFT WEIGHT AND BALANCE LIMITS;

1. FROM 2400.0 lbs. G.W. 2800.0 lbs. G.W. MOVES FORWARD C.G. LIMITS IS 118.0.
2. FROM 2800.0 lbs. G.W. TO 4050.0 G.W. MOVES LINEARLY AFT FROM STATION 118.0 T0 STATION 119.0
3. FOR EXTERNAL CARGO ONLY FROM 4050. 0 lbs. G.W. TO 4250.0 lbs. MOVES LINEARLY AFT FROM STATION 119.0 TO STATION 119.2.

AFT C.G. LIMITS:

1. FROM 2400.0 lbs. TO 2900.0 lbs., AFT C.G. IS STATION 138.5.
2. FROM 2900.0 lbs. G.W. TO 4050 lbs., AFT C.G. MOVES LINEARLY FROM STATION 128.5 TO STATION 127.0.
3. FROM 4050.0 lbs. G.W., AFT MOVES FORWARD LINEARLY FROM STATION 127.0 TO STATION 126.7. THIS IS FOR EXTERNAL LOAD ONLY

**NOTE: IT IS THE OWNER OPERATORS RESPONSIBILITY TO INSURE SAFE LOADING AND PROPER C.G. RANGE AT ALL TIMES.**

SAMPLE LOADING PROBLEMS FOR HELICOPTERS WITHOUT FUEL QTY SWITCH INSTALLED

AIRCRAFT EMPTY WEIGHT WEIGHT ARM MOMENT

NEW AIRCRAFT EMPTY WEIGHT 2561.00 128.75 329706.00

PILOT (170.0 lbs.) 170.00 65.00 11050.00

FRONT PASSENGER 170.00 65.00 11050.00

MIDDLE PASSENGER (2) 340.00 91.00 30940.00

AFT PASSENGERS 340.00 129.00 43860.00

FUEL (110.0GAL.) 752.80 131.70 9914 4.00

MOST AFT C.G. 4013.80 124.45 499510.00