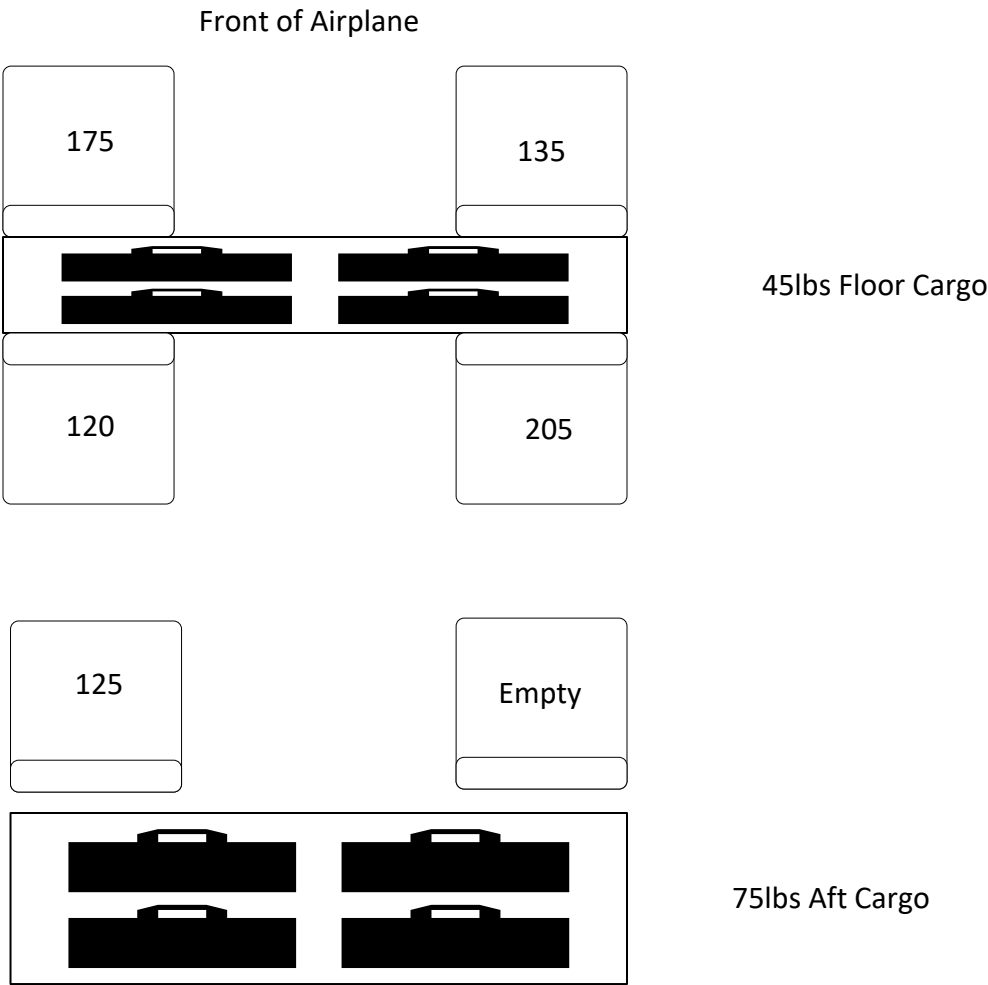


N408P Seating Arrangement per PIC



N408P, A-36 W&B

Station		Weight	Arm	Moment
BEW		2623.34	79.13	208872.9
Fuel	63g	378	75	28350
Row 1 Pax		310	78.5	24335
R1 Cargo		45	108	4860
Row 2 Pax		325	113	36725
Row 3 Pax		125	155	19375
Cargo		75	180	13500
Totals		3881.34		336017.9
			86.00	

Weight & Balance Change

DAKOTA AVIONICS	Make	BEECH
2301 UNIVERSITY DRIVE BLDG #53	Model	A36
BISMARCK, ND 58504	S/N	E-358
(701) 223-4754	Reg. #	N408P
	W/O	AVI-15-3185

EQUIPMENT CHANGE - WEIGHT & BALANCE

Items: (Description / P/N / S/N)	Weight Pounds	Arm Inches	Moments Inch/Pounds
Previous Aircraft Empty Weight:	2628.76	78.824	209838.2
REMOVED:			0
KMT-112 FLUX VALVE	-0.4	106	-42.4
KA-51B SLAVING ACCESSORY	-0.025	56	-1.4
KI-525A PIC NAV INDICATOR	-3.9	54	-210.6
KG-102A REMOTE DIRECTIONAL GYRO	-4.8	205	-984
GPS ANNUNCIATOR CONTROL	-0.3	55	-16.5
			0
			0
INSTALLED:			104
ASPEN RSM UNIT	0.5	208	5.2
ASPEN CONFIGURATION MODULE	0.1	52	140.4
ASPEN EFD 1000 PFD	2.6	54	40
ASPEN ACU UNIT	0.8	50	0
			0
			0
			0
Totals	2623.335		208872.9

A. Old Empty Weight	2628.76 Pounds
B. Old Empty CG	78.824 Inches
C. Old Empty Weight CG Moment	209838.2 Inch/Pounds
D. Max Gross Weight	3650 Pounds
E. Old Useful Load	1021.24 Pounds

A. New Empty Weight	2623.335 Pounds
B. New Empty CG	79.62113 Inches
C. New Empty Weight CG Moment	208872.9 Inch/Pounds
D. Max Gross Weight	3650 Pounds
E. New Useful Load	1026.665 Pounds

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

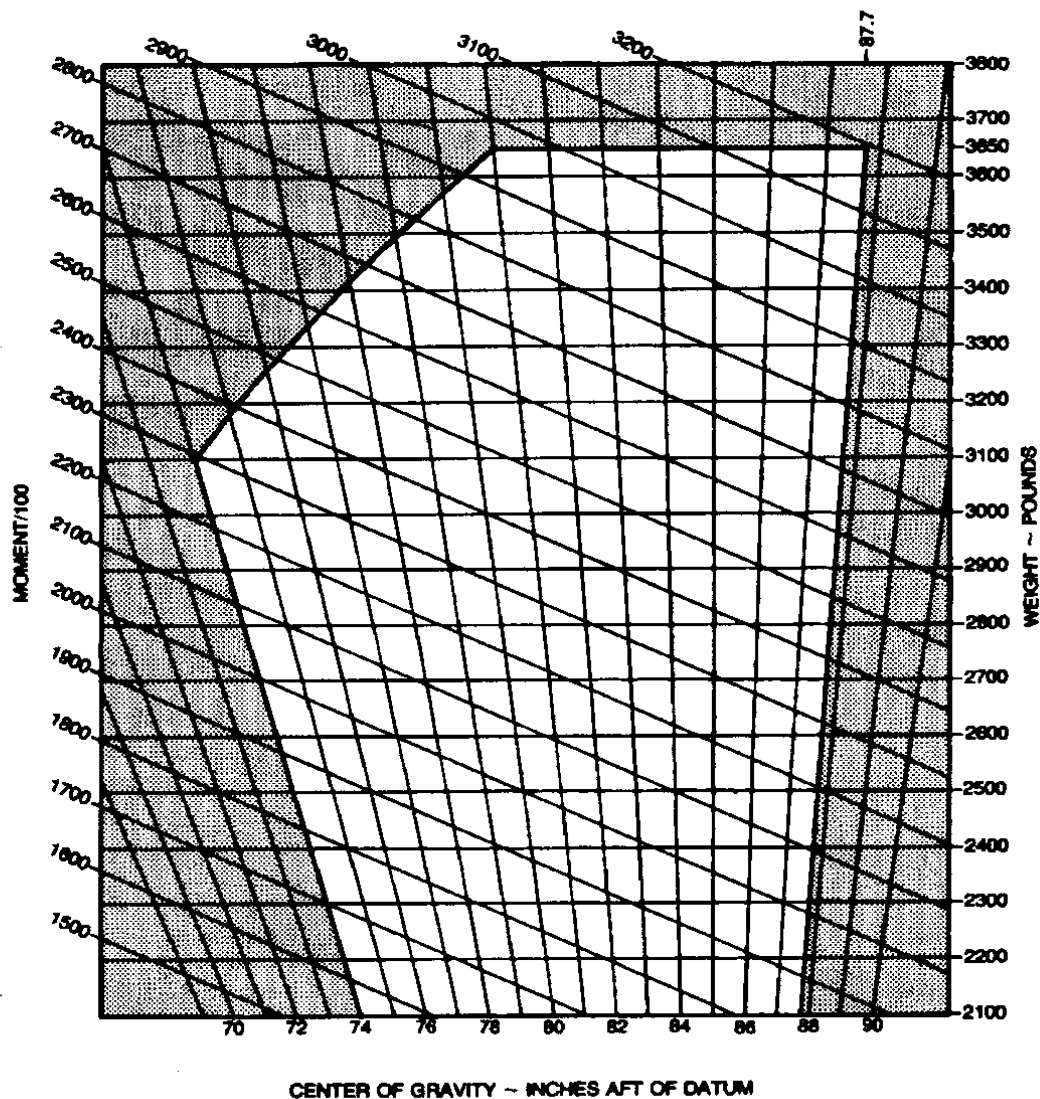
FAA Form 337 Completed?	Y N
Equipment List Amended?	Y N

DAKOTA AVIONICS [REDACTED] 4/9/2015 CRS# D1NR542Y

Authorized Signature Date Cert# Title

Notes:

MOMENT LIMITS VS WEIGHT



Envelope Based On The Following Weight And
Center Of Gravity Limit Data (Landing Gear Down)

Weight Condition	Forward C.G. Limit	Aft C.G. Limit
3650 Lb. (Max. Take-Off or Landing)	81.0	87.7
3100 Lb. or Less	74.0	87.7

A36-601-171

TAKE-OFF DISTANCE - FLAPS UP

ASSOCIATED CONDITIONS:

POWER TAKE-OFF POWER SET BEFORE BRAKE RELEASE
MIXTURE FULL RICH (E-1946, E-2104, E-2111 THRU E-3144, NOT IN COMPLIANCE WITH RAYTHEON AIRCRAFT S.B. 28-3052)
AS REQUIRED BY FIELD ELEVATION (E-3145 AND AFTER, AND PRIOR AIRPLANES IN COMPLIANCE WITH RAYTHEON AIRCRAFT S.B. 28-3052)
FLAPS UP
LANDING GEAR RETRACT AFTER POSITIVE CLIMB ESTABLISHED
COWL FLAPS OPEN
RUNWAY PAVED, LEVEL, DRY SURFACE

EXAMPLE:

OAT 15°C
PRESSURE ALTITUDE 5653 FT
TAKE-OFF WEIGHT 3650 LBS
HEAD WIND COMPONENT 10 KTS
GROUND ROLL 1900 FT
TOTAL DISTANCE OVER 50-FT OBSTACLE 3475 FT
TAKE-OFF SPEED AT
ROTATION 73 KTS
50-FT 84 KTS

WEIGHT POUNDS	TAKE-OFF SPEED	
	ROTATION	50 FT
	KNOTS	KNOTS
3650	73	84
3600	72	83
3400	71	82
3200	70	80
3000	68	78
2800	65	75

