Freedom Aviation

Aircraft Weight & Balance Report

Equipment List Update

Aircraft: N22CK | Type: PA-32R-301 | S/N: 32R-8213048

Model: PA-32-301 Saratoga,

Prior Empty Weight: 2,322.3 | As Of: 5/11/2020 | Prior Useful Load: 1,277.7

Prior Longitudinal Moment: 196,398.6024 | Arm: 84.5700

Items Removed:

Date	Description	Weight	Arm	Longitudinal Moment
7/18/2024	WX-10A PN: 78-8047-0984-4 SN: 0D83020043	2.87	63.0000	180.8100
7/18/2024	KI204 PN: 066-3034-02 SN: 5721	1.54	65.5000	100.8700
7/18/2024	PMA6000M Audio SN:MT01795-J01742	1.30	65.2000	84.7600
7/18/2024	KN53 PN: 066-1067-00 SN: 5498	3.18	63.8000	202.8840
7/18/2024	KY197 PN: 064-1021-00 SN: 76418	3.28	63.7000	208.9360
7/22/2024	WX-10A Proce PN:78-8047-0985-1 SN:TM0022	5.23	205.0000	1,072.1500
	Total of Items Removed:	17.40		1,850.4100

Items Installed:

Date	Description	Weight	Arm	Longitudinal Moment
7/18/2024	GNS430W PN: 011-01060-00 SN: 23402593	6.60	63.5000	419.1000
7/18/2024	EDM830 PN:EGT-701-6CR SN:47468 w/probes	2.00	60.0000	120.0000
7/18/2024	PMA7000M BT PN: 050-781-0604 SN: DM01379	1.50	65.2000	97.8000
7/18/2024	KI206 PN: 066-3034-04 SN: 69589	1.11	65.5000	72.7050
	Total of Items Installed:	11.21		709.6050

New Final Figures:

Weight: 2,316.13 | **Useful Load:** 1,283.87

Longitudinal Moment: 195,257.7974 | **Arm:** 84.3035

Date: 7/22/2024, A/C: N22CK, Model: PA-32-301 Saratoga, 32R-301 Saratoga SP/, S/N: 32R-8213048, Type: PA-32R-301
, Hobbs: 0.00, Tach: 0.00, Total: 0.00

Removed: WX-10A PN: 78-8047-0984-4 SN: 0D83020043, KI204 PN: 066-3034-02 SN: 5721, PMA6000M Audio SN:MT01795-J01742, KN53 PN: 066-1067-00 SN: 5498, KY197 PN: 064-1021-00 SN: 76418, WX-10A Proce PN:78-8047-0985-1 SN:TM0022
Installed: GNS430W PN: 011-01060-00 SN: 23402593, EDM830 PN:EGT-701-6CR SN:47468 w/probes, PMA7000M BT PN: 050-781-0604 SN: DM01379, KI206 PN: 066-3034-04 SN: 69589

Installations and removals listed above have been performed in accordance with manufacturer's specs. Aircraft is approved for return to service.

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