

February 1, 1963

ADDITIONS TO ENGINEERING MEMORANDUM #21

TO: J. Stout, P. Visser, R. G. Fuller, J. Lindell, E. Horrigan,
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E. Nelson, J. Copeland, T. Bedard, J. Temple (4), K. Bothe,
L. Hilsky (4), A. Radke (3), D. Markin, B. Herrington (8),
W. Asselin, D. Bach, F. Baldwin, A. Goedhart, S. Wilson, S. Megyesi

FROM: S. Hori

SUBJECT: CENTER PILLAR AND CENTER DOOR REVISION FOR MODEL A-12W6
& A-12W8

General Comments

1. In order to utilize the new center pillar without lip for the additional center pillars on the Aerobus, new center door inner and outer panels have been released. The new center doors have been widened to replace the lip on the pillars.
2. Until the new center doors are available for production, it will be necessary to use the old center pillars with lip for the second and third center pillars on the Aerobus side frames.
3. As soon as the new center doors are available for production, the new center pillar without lip will be used for all center pillars.

Parts to be Affected

New		Old
<u>Part No.</u>	<u>Name</u>	<u>Part No.</u>
640681	Panel - Center Door Inner LH	640601
640682	Panel - Center Door Inner RH	640602
640683	Panel - Center Door Outer LH	636693
640684	Panel - Center Door Outer RH	636694
639793	Panel & Nut Assem. - Center Door Inner LH	639623
639794	Panel & Nut Assem. - Center Door Inner RH	639624
639807	Panel Assem. - Center Door Inner Welded LH	639621
639808	Panel Assem. - Center Door Inner Welded RH	639622
639805	Panel Assem. - Center Door Inner LH	639619
639806	Panel Assem. - Center Door Inner RH	639620
639803	Door Assem. - Center Lower LH	639617
639804	Door Assem. - Center Lower RH	639618
639801	Door Assem. - Center (Less Trim Panel) LH	639615
639802	Door Assem. - Center (Less Trim Panel) RH	639616
641225	Pillar Assem. - Center LH	639137
641226	Pillar Assem. - Center RH	639138
641227	Panel Assem. - Center Pillar Frt. LH	639139
641228	Panel Assem. - Center Pillar Frt. RH	639140
640393	Panel - Center Pillar Frt. LH	640023
640394	Panel - Center Pillar Frt. RH	640024

* Note: This revision incorporated on Aerobus Chassis #672

* Note added 6-13-63;

Memo #21 (continued)

<u>Old Part No.</u>	<u>Name</u>	<u>New Part No.</u>
630962	Section - Vent. Wind. Frt. Memb.	640100
630931	Channel - Vent. Wind. Fr. Lower LH	----
630932	Channel - Vent. Wind. Fr. Lower RH	----
630935	W/Seal - Vent. Window Rear	640425
632352	Insert - Vent. Window W/Seal	640426
630934	Channel - Frt. Dr. Glass Flex.(Frt.)	640050
633891	Wing Assem. - Vent. Window LH	641213
633892	Wing Assem. - Vent. Window RH	641214
633893	Frame Assem. - Vent. Wind. Wing LH	641215
633894	Frame Assem. - Vent. Wind. Wing RH	641216
633895	Fr. & Pivot Assem. - Vent. Wind. Wing LH	641217
633896	Fr. & Pivot Assem. - Vent. Wind. Wing RH	641218
630937	Frame - Vent. Window Wing LH	640427
630938	Frame - Vent. Window Wing RH	640428
630939	Pin - Vent. Wind. Lower Pivot	640436
630964	Member - Vent. Wind. Wing Frame	640099
* 631767	Stud & Brkt. Assem. - Vent. Wind. LH	641219 **
* 631768	Stud & Brkt. Assem. - Vent. Wind. RH	641220 **
* 630940	Stud - Vent. Window Handle	640247 **
* 630945	Handle - Vent. Wind. Locking LH	640041 **
* 630946	Handle - Vent. Wind. Locking RH	640042 **
* 630943	Plunger - Vent. Wind. Lock Handle	----
* 630944	Spring - Vent. Wind. Lock Handle	----
632414	Glazing - Vent. Window Glass	640211
632509	Glass - Frt. Vent. Window - Clear	640210
632622	Glass - Frt. Vent. Window - Tinted	640435
634698	Seal - Vent. Window - Lower (Usage Chg.Only)	----
634819	W/Seal - Vent. Wind. Frt. LH	640091
634820	W/Seal - Vent. Wind. Frt. RH	640092
630948	Washer - Vent. Wind. Thrust	----
631769	Spring & Plug Assem. - Vent.Wind.Tens. LH	----
631770	Spring & Plug Assem. - Vent.Wind.Tens. RH	----
630951	Spring - Vent. Window Tension LH	----
630952	Spring - Vent. Window Tension RH	----
630953	Plug - Vent. Window Tension	----
273335	Screw & L/W Assem. - #10-32 x 3/4 (Usage Chg. Only)--	----
----	Screw - #14 x 1/2 Fill. Hd. Tapp.	626575
----	Rivet - 3/16 Dia. x 1/4 x 5/16	626499
----	Brkt. - Vent. Wind. Hinge Upper LH	640419 **
----	Brkt. - Vent. Wind. Hinge Upper RH	640420 **
----	Brkt. - Vent. Wind. Fr. Frt. LH	640045
----	Brkt. - Vent. Wind. Fr. Frt. RH	640046
----	Brkt. - Vent. Wind. Hinge Lower LH	640429 **
----	Brkt. - Vent. Wind. Hinge Lower RH	640430 **
633887	Frame & Vent. Wind. Assem. - Frt.Door Upper LH	641223
633888	Frame & Vent. Wind. Assem. - Frt.Door Upper RH	641224
626359	Nut - #8-32 Ohio Weld (Usage Chg. Only)	----
640255	Panel-Frt. Door Trim-Uncoated LH(Revise)	----
640256	Panel-Frt. Door Trim-Uncoated RH(Revise)	----

* Parts to be reinstated

** Parts not to be released

Memo #21 (continued)

October 10, 1962

Rev. 10-17-62

Rev. 11-12-62

Rev. 2-1-63

<u>Old Part No.</u>	<u>Name</u>	<u>New Part No.</u>
640023	Panel - Center Pillar Frt. LH	640393
640024	Panel - Center Pillar Frt. RH	640394
640135	Panel - Center Pillar Frt. - Spec. LH	640393
640136	Panel - Center Pillar Frt. - Spec. RH	640394
640141	Panel - Frt. Door Inner LH	640115
640142	Panel - Frt. Door Inner RH	640116
640003	Panel - Frt. Door Outer LH	640131
640004	Panel - Frt. Door Outer RH	640132
639137	Pillar Assem. - Center LH	641225
639138	Pillar Assem. - Center RH	641226
639145	Pillar Assem. - Center - Spec. LH	641225
639146	Pillar Assem. - Center - Spec. RH	641226
639139	Panel Assem. - Center Pillar Frt. LH	641227
639140	Panel Assem. - Center Pillar Frt. RH	641228
639147	Panel Assem. - Center Pillar Frt. Spec. LH	641227
639148	Panel Assem. - Center Pillar Frt. Spec. RH	641228
639115	Door Assem. - Front (Less Trim Panel) LH	641229
639116	Door Assem. - Front (Less Trim Panel) RH	641230
639639	Door Assem. - Front (Less Trim Panel) LH	639781
639640	Door Assem. - Front (Less Trim Panel) RH	639782
639117	Door Assem. - Front Lower LH	641231
639118	Door Assem. - Front Lower RH	641232
639119	Panel Assem. - Front Door Inner LH	641233
629120	Panel Assem. - Front Door Inner RH	641234
639121	Panel Assem. - Front Door Inner Welded LH	641235
639122	Panel Assem. - Front Door Inner Welded RH	641236
639123	Panel & Brkt. Assem. - Front Door Inner LH	641237
639124	Panel & Brkt. Assem. - Front Door Inner RH	641238
639125	Panel & Nut Assem. - Front Door Inner LH	639315
639126	Panel & Nut Assem. - Front Door Inner RH	639316
640388	Molding - Frt. Door Side	640414
630033	Panel - Center Pillar Rear LH (Rework Per Chg.AB)---	
630034	Panel - Center Pillar Rear RH (Rework Per Chg.AB)---	
----	Brkt. Assem. - V.W. Tens. LH	641243
----	Brkt. Assem. - V.W. Tens. RH	641244
----	Brkt. - Vent Wind. Tens. LH	640441
----	Brkt. - Vent Wind. Tens. RH	640442
----	Member & Brkt. Assem. - V.W. Fr. Frt. LH	641209
----	Member & Brkt. Assem. - V.W. Fr. Frt. RH	641210
----	Brkt. & Nut Assem. - V.W. Fr. Frt. LH	641221
----	Brkt. & Nut Assem. - V.W. Fr. Frt. RH	641222
----	Tensioner - Vent. Window LH	640421
----	Tensioner - Vent. Window RH	640422

This Revision is to be effective after a total of 8000 jobs have been built. (See sep. page for Aerobus effec. point)

These parts are not interchangeable, therefore all parts must be changed at the same time.

* Note: This revision incorporated on chassis #8745

* Note added 6-13-63;

October 10, 1962
Model A-11, A-12
Rev. 10-17-62
Rev. 11-12-62
Rev. 2-1-63

ENGINEERING MEMORANDUM #21

TO: J. Stout, P. Visser, R. Fuller, S. Hori, E. Horrigan, K. Luke
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A. Goedhart, E. Nelson, C. Cornwell, S. Megyesi, B. Herrington (8), Lisky,
R. Bach, D. Markin, F. Baldwin, J. Copeland, J. Coleman, R. Bedard,
K. Bothe, L. Hilsky (4), J. Temple (4)

FROM: S. Hori

SUBJECT: VENT. WINDOW, DOOR & CENTER PILLAR REVISION

General Comments.

1. The ventilator window will be redesigned.
2. The lip on the center pillar between the front & rear doors will be eliminated.
3. The rear flange on the front doors will be extended back to replace the center pillar lip.
4. The front door inner and outer panels will be revised to accept new vent. window.
5. ~~The old center pillar with attached lip or the new center pillar with an added lip will be used for the Aerobus.~~
See Addition of 2-1-63.

List of Parts to be Cancelled or Released.

<u>Old Part No.</u>	<u>Name</u>	<u>New Part No.</u>
633889	Vent. Wind. Assem. - Frt. Door LH	641201
633890	Vent. Wind. Assem. - Frt. Door RH	641202
633897	Frame Assem. - Vent. Wind. LH	641203
633898	Frame Assem. - Vent. Wind. RH	641204
633901	Frame Assem. - Vent. Wind. Welded LH	641205
633902	Frame Assem. - Vent. Wind. Welded RH	641206
633783	Member & Brkt. Assem. - V.W. Fr. Rear LH	----
633784	Member & Brkt. Assem. - V.W. Fr. Rear RH	----
633785	Member & Nut Assem. - V.W. Fr. Rear LH	641207
633786	Member & Nut Assem. - V.W. Fr. Rear RH	641208
634955	Member - Vent. Wind. Fr. Rear LH	640415
634956	Member - Vent. Wind. Fr. Rear RH	640416
* 631759	Brkt. Assem. - Vent. Wind. Upper Attach. LH	----
* 631760	Brkt. Assem. - Vent. Wind. Upper Attach. RH	----
* 630927	Brkt. - Vent. Window Upper Attach. LH	----
* 630928	Brkt. - Vent. Window Upper Attach. RH	----
* 630926	Pin - Vent. Window Upper Pivot	----
633315	Memb. & Channel Assem. - V.W. Fr. Frt. LH	----
633316	Memb. & Channel Assem. - V.W. Fr. Frt. RH	----
630929	Brkt. - Vent. Window Lower Attach. LH	640423
630930	Brkt. - Vent. Window Lower Attach. RH	640424
631773	Memb. & Nut Assem. - Vent. Wind. Fr. Frt.	641211
----	Screw - #14 x 5/8 (Usage chg. only)	161711
630925	Member - Vent. Wind. Fr. Frt.	640417