SERVICE BULLETIN REVISION TRANSMITTAL SHEET

AIRBUS
CUSTOMER SERVICES DIRECTORATE

1 Rond Point Maurice Bellonte 31707 BLAGNAC CEDEX FRANCE

Tel: (33) 5 61 93 33 33 Telex: AIRBU 530526F Fax: (33) 5 61 93 42 51

ATA SYSTEM: 21

TITLE: AIR CONDITIONING - FLOW CONTROL AND INDICATING - REINTRODUCE WIRING BETWEEN

FCV AND SDAC

MODIFICATION No. : 38700K11773

This page transmits Revision No. 01 of Service Bulletin No. A320-21-1176.

ADDITIONAL WORK

No additional work is required by this revision for aircraft modified by any previous issue.

REASON

This Revision is issue to:

- update the effectivity and operators,
- include the improvements after the validation on aircraft MSN 3066,
- introduce minor changes.

CHANGES

SUMMARY:

- EFFECTIVITY
- . Operators updated and NOTE added.
- MANPOWER
 - . Manpower updated.
- Figure
 - . Summary revised.

PLANNING INFORMATION:

- EFFECTIVITY
- . 1.A. Effectivity and operators updated. NOTE added.

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- DESCRIPTION
 - . 1.D. Description revised.
- MANPOWER
 - . 1.G. Manpower updated.
- REFERENCES
- . 1.J. AMM references updated.

MATERIAL INFORMATION:

- Material
- . 2.A.(1) Address updated.
- LIST OF MATERIALS OPERATOR SUPPLIED
- . 2.D. CML references added.

ACCOMPLISHMENT INSTRUCTIONS:

- Preparation
 - . 3.A.(1)(a)6 Para added.
- . 3.A.(1)(a)15 Para amended.
- Standard Practices
- . 3.A.(2)(a) Para added.
- . 3.A.(2)(g) Para added.
- MODIFICATION
 - 3.B. Paragraphs concerning the removal and the installation of the shelves 95VU and 96VU added. NOTE added in the paragraph concerning the modification in 95VU and 96VU.
- TESTS
 - 3.C. Tests after removal/installation of the shelves 95VU and 96VU added. Test procedure updated.
- CLOSE-UP
- . 3.D.(1)(b) Para for installation of the partition panels added.
- Figure 12
 - . Figure 12: Wiring diagrams updated.

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- Figure 14
- . Figure 14: Hook-up Chart updated.
- Figure 15
 - . Figure 15: Hook-up Chart updated.
- Figure 16
 - . Figure 16: Hook-up Chart updated.
- Figure 17
- . Figure 17: Hook-up Chart updated.
- Figure 18
 - . Figure 18: Hook-up Chart updated.
- Figure 19
- . Figure 19: Hook-up Chart updated.
- Figure 20
 - . Figure 20: Hook-up Chart updated.
- Figure 21
 - . Figure 21: Hook-up Chart updated.
- Figure 23
 - . Figure 23: Hook-up Chart updated.

NOTE: Layout changes due to computerization of this revision are not identified.

FILING INSTRUCTIONS

This Service Bulletin has been generated electronically and is reissued as a complete document. Replace the complete document.

Put this Revision Transmittal Sheet in front of the Service Bulletin.

HISTORY OF PREVIOUS REVISIONS

No previous revisions.

REVISION SEQUENCE

ORIGINAL: May 09/08

REVISION No.: 01 - Oct 28/09

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

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SERVICE BULLETIN SUMMARY

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> This summary is for information only and is not approved for modification of the aircraft

ATA SYSTEM: 21

TITLE: AIR CONDITIONING - FLOW CONTROL AND INDICATING - REINTRODUCE WIRING BETWEEN

FCV AND SDAC

MODIFICATION No. : 38700K11773

REASON/DESCRIPTION/OPERATIONAL CONSEQUENCES

Airlines have reported further to a Digital Flight Data Recorder (DFDR) readout that parameters "PACK 1&2 FLOW CTL NOT FC" were recorded at value "1" at all times. Since Air Conditioning System Controller (ACSC) installation (A318 1599), there is no more connection between System Data Acquisition Concentrator (SDAC) and Flow Control Valve (FCV). The corresponding bit on SDAC label 003 is set to one, which means FCV is never seen fully closed. Since ACSC installation, DFDR records an erroneous data for the FCV position. Furthermore some warnings (Bleed and Wing Anti Ice (WAI)) could not be triggered, if "PACK 1&2 FLOW CTL NOT FC" is indicated at all times.

The FCV position (FCV FULLY CLOSED/NOT FULLY CLOSED) is transmitted to the SDAC. The SDAC forwards the information to the Flight Warning Computer (FWC) for 'AIR ENG1/(2) BLEED ABNORM PR' triggering and to the DFDRS for FCV position recording. This Service Bulletin consists of the installation of two wires between FCV and SDAC to enable the SDAC to retrieve accurate data for the FCV position.

The accomplishment of this Service Bulletin will improve the SDAC information with the reference to the FCV position.

EVALUATION TABLE			
COMPLIANCE	Desirable	CANCELS INSPECTION SB	No
POTENTIAL AD	No	A/C OPERATION AFFECTED	No
RELIABILITY AFFECTED	No	PAX COMFORT AFFECTED	No
COST SAVING	No	ETOPS AFFECTED	No

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EVALUATION TABLE			
STRUCTURAL LIFE EXTN	No	VENDOR SB INVOLVED	No
KIT PRICE (USD) A01	SEE SB		

MODIFICATION CLASSIFICATION			
MAJOR None			
MINOR	38700K11773		

As per EASA IR 21, a minor change is one that has no appreciable effect on the mass, balance, structural strength, reliability, operational characteristics affecting the airworthiness of the product. All other changes are major changes.

EFFECTIVITY

This Service Bulletin is applicable to this (these) operator(s):

15V 17W 47W 52W 53U 59U 62X 80X 91X 95V 95W 99W AAF AAR AAW ABQ ABY ADH AEE AFL AFR AHY AIJ AJM ALK AMC ANA AVA AXM BAB BAW BEC BER BGF BHP BIE BKP BMA BTV C9G CCA CEB CEF CES CQH CSA CSC CSN CSZ CYP DKH DLH DRA DRK EIN ETD EZY FFT FHY G8E GOW GWI HHI HMS HVN IAC IBE IGO IWD IZM JBU JET JSA JST JZR KBR KFR KNE KZR LAN LBY LTU LZB MAC MDL MLM MSC MXA NIA NKS NLY ORF PAL QTR RJA RKM RNV ROT SAA SAS SBI SFJ SLK SOR SUD SVW TAE TAI TAM TAR TGW THY TRK TWJ UEA UKN VIM VLE VLG VOI VRD WHT WVL WZZ

NOTE: This modification is embodied before delivery on A318 aircraft MSN 3509 and subsequent, on

A319 aircraft MSN 3491 and subsequent, on A320 aircraft MSN 3480 and subsequent and on

A321 aircraft MSN 3493 and subsequent.

NOTE: This Service Bulletin has been validated on A320 aircraft MSN 3066.

CONCURRENT REQUIREMENTS

None

REFERENCES/REPERCUSSIONS

TFU : None

OEB : None

AOT : None

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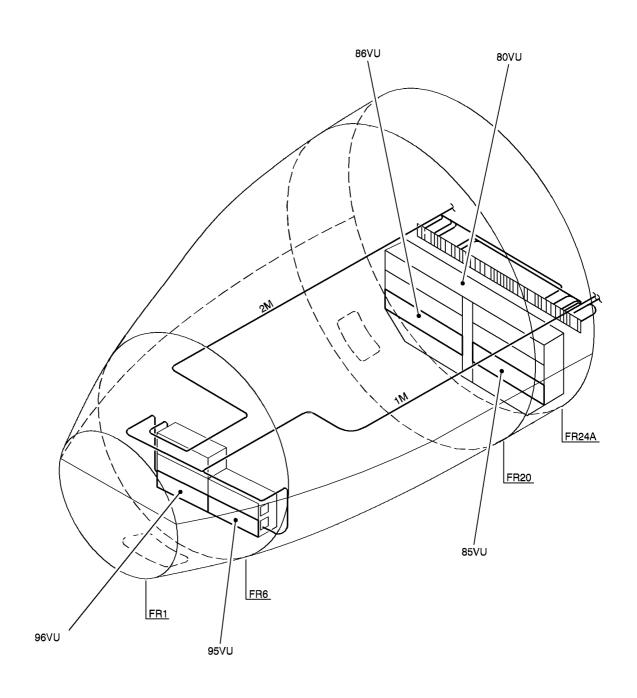
SIL	: None	
LIFE LIMIT	: None	
LINE MAINTENANCE AF	FECTED : No	
OTHERS	: None	
NATURE OF THE WORK		
AIRCRAFT : YES		
EQUIPMENT : NO		
HARD : NO		
SOFT : NO		
OBRM : NO		
MANPOWER		
Config. 01 thru Config. 03		
TOTAL MANH	IOURS	42.0
TOTAL MANH ELAPSED TIN		42.0 28.0
ELAPSED TIN	ME (HOURS)	28.0
ELAPSED TIN Config. 04 TOTAL MANH	ME (HOURS)	28.0 43.5
ELAPSED TIN	ME (HOURS)	28.0
ELAPSED TIN Config. 04 TOTAL MANH	ME (HOURS)	28.0 43.5
ELAPSED TIN Config. 04 TOTAL MANH ELAPSED TIN	ME (HOURS)	28.0 43.5
ELAPSED TIN Config. 04 TOTAL MANH ELAPSED TIN MATERIAL INFORMATION	ME (HOURS) NOURS ME (HOURS)	28.0 43.5
ELAPSED TIN Config. 04 TOTAL MANH ELAPSED TIN MATERIAL INFORMATION AIRCRAFT DATA	ME (HOURS) NOURS ME (HOURS)	28.0 43.5
ELAPSED TIN Config. 04 TOTAL MANH ELAPSED TIN MATERIAL INFORMATION AIRCRAFT DATA Config. 01 thru Config. 04	ME (HOURS) NOURS ME (HOURS)	28.0 43.5

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None

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SERVICE BULLETIN

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ATA SYSTEM: 21

TITLE: AIR CONDITIONING - FLOW CONTROL AND INDICATING - REINTRODUCE WIRING BETWEEN

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1. PLANNING INFORMATION

A. **EFFECTIVITY**

(1) Models

318-111 318-112 318-121 319-111 319-112 319-115 319-131 319-132 319-133 320-214 320-216 320-232 320-233 321-211 321-212 321-213 321-231 321-232

- (2) Aircraft
 - (a) Effectivity by MSN

This Service Bulletin is applicable to aircraft MSN:

1599 1660 1939 1991 2017 2035 2037 2043 2050 2051 2053 2059 2062 2071 2081 2100 2109 2119 2120 2129 2170 2176 2181 2184 2196 2213 2214 2218 2224 2228 2230 2245 2249 2251 2265 2268 2271 2276 2277 2279 2281 2283 2289 2292 2296 2299 2300 2306 2308 2317 2319 2322 2326 2328 2329 2333 2335 2338 2344 2346 2350 2353-2355 2358 2360-2362 2366 2367 2370 2375-2380 2383 2385 2387 2392 2394-2396 2398 2400-2402 2404 2406 2412-2414 2417-2420 2423 2424 2427 2431 2433 2434 2436 2438-2444 2446 2448 2450 2452 2453 2455-2457 2460 2463 2465 2467-2471 2473 2475-2477 2481 2483-2485 2487 2490 2492 2495-2497 2501-2503 2506 2511-2516 2518 2519 2522-2524 2526-2529 2531 2537-2541 2544-2546 2548 2550-2561 2564-2567 2569 2571-2576 2578 2579 2581 2582 2584-2588 2590 2592 2593 2596 2598 2600-2605 2607-2612 2614 2616 2617 2619-2626 2628 2629 2631-2634 2636-2638 2642-2646 2648-2651 2653-2662 2664-2668 2670 2672-2681 2683-2689 2691-2709 2711-2721 2723 2724 2727-2754 2756-2780 2782-2801 2803-2809 2811-2813 2815-2831 2833-2847 2849-2870 2872-2879

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2881-2899 2901-2944 2946-2969 2971-2976 2978-2991 2993-3028 3030-3038 3040-3069 3071 3073-3090 3092-3105 3107-3118 3120-3149 3151-3189 3191-3227 3229-3262 3264-3286 3288-3347 3349-3479

NOTE: This modification is embodied before delivery on A318 aircraft MSN

3509 and subsequent, on A319 aircraft MSN 3491 and subsequent, on A320 aircraft MSN 3480 and subsequent and on A321 aircraft MSN

3493 and subsequent.

NOTE: This Service Bulletin has been validated on A320 aircraft MSN 3066.

(b) Effectivity by Operator

The Operator/MSN relationship is provided for information only and is correct at the time of issue in accordance with the information available to AIRBUS. Any future changes resulting from transfer of an aircraft from one operator to another will not be reflected in this list unless the Service Bulletin is revised for another reason.

OPERATOR	MSN
15V	3333
17W	3046
47W	3164
52W	3243
53U	3162 3252 3316 3317
59U	2706 3073
62X	3402
80X	2748
91X	2837
95V	3379
95W	2949
99W	3038
AAF	2296
AAR	2808 2840 2943 3244 3297 3437
AAW	3224 3236
ABQ	3385 3388
ABY	2712 2764 2930 2964 3044 3152 3218 3444 3476

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OPERATOR MSN

ADH 2869 2932 2995 3076 3079 3080 3115 3178 3213 3295 3328

3343 3362 3412 3464

AEE 3033 3066 3074 3365 3392 3423 3439 3462 3478

AFL 2875 2903 2912 2920 2947 2957 2965 3052 3063 3157 3191 3267

3281 3298 3334 3336 3373 3410

AFR 2035 2059 2071 2081 2100 2109 2213 2228 2279 2317 2344

2350 2456 2582 2601 2686 2705 2716 2721 2750 2918 2938 2951 2961 2967 2972 3008 3009 3051 3065 3098 3372 3399

3401 3419 3420 3441 3470

AHY 2487 2516 2588 2788

AlJ 3149 3160 3286 3312

AJM 3331

ALK 2564 2908 2914

AMC 2665 2768 3056 3068

ANA 2998 3099 3147 3148 3189

AVA 3408 3467

AXM 2612 2633 2656 2683 2699 2760 2816 2826 2842 2881 2885 2926

2944 2956 2989 3000 3018 3064 3117 3140 3154 3173 3182 3194

3201 3223 3232 3261 3277 3291 3299 3327 3338 3353 3370

3394 3404 3427 3448 3477

BAB 2700 2763

BAW 3081 3235 3254 3290 3301 3314 3351 3468

BEC 3199

BER 2383 2467 2468 2685 2696 2820 2835 2846 2853 2865 3006 3021

3055 3093 3121 3202 3242 3245 3289 3346 3415 3422 3447

BGF 3139 3188

BHP 2968 2991

BIE 2707

BKP 3421 3424 3454

BMA 2441 2653 2694 2697 2720 2799 2981 3049

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OPERATOR	MSN
BTV	2648 2660
C9G	3142
CCA	2545 2551 2559 2614 2643 2805 2819 2839 2847 2890 3195 3200 3226 3250 3307 3329 3337 3461
CEB	2419 2439 2556 2586 2625 2638 2786 2790 2821 2831 2852 2876 2994 3048 3272 3433 3472
CEF	2801 3085
CES	2693 2757 2825 2882 2895 3168 3170 3186 3197 3233 3247 3249 3262 3471
CQH	2939 3014 3023
CSA	2719 2758 2789 3031 3043 3060 3094 3097 3406 3436 3452
CSC	2396 2431 3114 3116 3124 3158 3167 3196 3210 3386 3449
CSN	2354 2361 2484 2506 2511 2519 2541 2546 2554 2555 2558 2574 2579 2637 2667 2680 2689 2701 2708 2713 2714 2741 2743 2759 2767 2770 2772 2796 2809 2815 2824 2834 2855 2861 2877 2899 2901 2915 2936 2940 2948 2950 2960 2969 2971 2986 3020 3067 3075 3112 3144 3217 3241 3251 3258 3269 3311 3342 3459
CSZ	2672 2684 2841 2905 2909 2935 2973 2980 3131 3132 3153 3206 3366 3383 3435 3440 3456
CYP	2718
DKH	2879 2913 2975 3027 3234 3268 3368
DLH	3265 3339 3360 3387 3434
DRA	2557 2561 2581 2611 2617 2644 2733 2746 2849 2891 2985 3285
DRK	2306 2346
EIN	3129 3136 3318 3345
ETD	3004 3050

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OPERATOR	MSN
EZY	2037 2043 2050 2053 2062 2119 2120 2129 2170 2176 2181 2184 2196 2214 2224 2230 2245 2249 2251 2265 2271 2283 2289 2300 2319 2353 2360 2370 2378 2380 2385 2387 2398 2402 2412 2420 2427 2436 2442 2446 2450 2460 2463 2471 2477 2481 2492 2495 2503 2512 2514 2527 2528 2538 2548 2565 2578 2605 2636 2646 2677 2681 2691 2702 2709 2715 2727 2729 2735 2742 2744 2754 2765 2769 2777 2779 2782 2795 2803 2812 2818 2827 2829 2854 2860 2866 2873 2884 2923 2946 2959 3003 3036 3041 3053 3059 3061 3082 3084 3088 3090 3118 3122 3134 3137 3176 3184 3411 3413 3426 3432 3442 3466
FFT	1660 1939 1991 2017 2051 2218 2276 2392 2400 2406 2448 2465 2483 2497 2518 2751 2806 2836 2857 3092 3110 3163 3389 3431
FHY	2524
G8E	2762 3215 3221
GOW	3256 3306
GWI	2607 2628 2632 2813 2833 2976 3011 3128 3172 3193 3352 3358 3375
HHI	3364 3403
HMS	3309
HVN	2974 3005 3013 3022 3198 3315 3355
IAC	2593 2624 2629 2907 3130 3146 3212 3271 3288 3300 3305 3326 3340 3344 3367
IBE	2736 2756 2776 2807 2843 2870 2889 2897 2996 3054 3078 3102 3169 3179 3209 3255 3320 3377 3380 3443
IGO	2844 2863 2883 2911 2958 2990 3086 3159 3192 3227 3335 3357 3414 3453 3457
IWD	2745
IZM	2404 2414 2452
JBU	3381 3416 3451 3479
JET	2424 2698 2723
JSA	2395 2401 2604
JST	2292 2299 2322 2329 2338 2423 2453 2455 2457 2475 2515 2526 2537 2573 2587 2600 2608 2642 2651 2703 2717 2766 2787 3474

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SERVICE BULLETIN

OPERATOR MSN

JZR 2569 2584 2792 2822 3016 3349

KBR 3171

KFR 2366 2376 2413 2443 2496 2502 2522 2531 2576 2621 2634 2645

2650 2664 2670 2676 2731 2747 2753 2817 2856 2874 2916 2919

2922 2927 2933 3012 3034 3089 3105 3120 3270 3302 3322

KNE 3238 3361 3396 3425 3475

KZR 2828 2987 3141

LAN 2572 2585 2845 2858 2864 2872 2886 2887 2892 2894 3001 3030

3062 3214 3216 3280 3319 3371 3390 3438 3469

LBY 2335

LTU 2539 2619 2654

LZB 2540 2596 3028

MAC 3246

MDL 2784 2797 3264 3330

MLM 2592 2910 3356 3363

MSC 2937 2966 3282 3323

MXA 2328 2333 2358 2367 2377 2394 2523 2544 2552 2575 2662

3123 3304 3374

NIA 3183 3219

NKS 2433 2470 2473 2476 2485 2490 2560 2567 2590 2603 2622 2673

2679 2704 2711 2893 2898 2929 2942 2963 2978 2983 3007

3017 3026 3165 3393 3395

NLY 2529 2668 2749 2867 2902 3019 3407

ORF 2566

PAL 2878 2925 2954 3087 3107 3108 3187 3205 3273 3310 3455

QTR 3071 3274 3369 3397

RJA 2598 2649 2692 2730 2793 2953 3428 3458

RKM 1599

RNV 2277 2362

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OPERATOR MSN

ROT 2931 2955 3220 3225

SAA 2268 2281 2308 2326 2355 2375 2379 2418 2438 2469 2501

SAS 2850 2888 3231 3292

SBI 2623 3446 3473

SFJ 2620 2658 2695 3025

SLK 2775 3104

SOR 2675

SUD 3040

SVW 2921 3100 3133

TAE 2659

TAI 2434 2444 2553 2610 2687 2791 2862 2917 3042 3057 3103

3113 3248 3276 3378 3418

TAM 2417 2513 2602 2661 2734 2737 2783 2838 2859 2896 2904 2924

3002 3032 3035 3047 3058 3111 3156 3180 3211 3222 3229 3240

3266 3278 3284 3294 3313 3325 3391

TAR 3096

TGW 2724 2728 2906 2952 2982 3275 3296 3332

THY 2609 2626 2631 2655 2738 2739 2823 2868 2928 2934 2941 2984

2999 3010 3015 3126 3185 3207 3208 3239 3257 3283 3303

3341 3350 3382 3405 3429

TRK 3259 3308

TWJ 2550

UEA 2774 3024

UKN 3260

VIM 2732 2804 3125

VLE 3138 3161

VLG 2678 2761 2785 2794 2798 2962 2988 3083 3095 3109 3145 3151

3174 3203 3237 3293 3321 3376 3400

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SERVICE BULLETIN

OPERATOR MSN

VOI 2657 2666 2771 2780 2979 2997 3045 3069 3077 3175 3253

3279 3450 3463

VRD 2616 2674 2740 2773 2778 2800 2811 2830 2851 2993 3037

3101 3135 3155 3181 3204 3230 3324 3347 3359 3398 3417

3445 3460 3465

WHT 2440

WVL 2571

WZZ 2688 2752 3127 3143 3166 3177 3354 3384 3409 3430

(c) Effectivity by MSN and Kit/Configuration

The Kits and configurations applicable to these MSNs are given at the end of this list

2292 2299 2322 2329 2338 2354 2361 2366 2376 2395 2401 2413 2417 2419 2423 2434 2439 2441 2443 2453 2455 2457 2475 2484 2496 2502 2506 2511 2513 2515 2522 2524 2526 2529 2531 2537 2539-2540 2564 2566 2569 2571 2573 2576 2584 2587 2596 2598 2600 2602 2604 2608-2609 2612 2616 2619-2620 2623 2626 2633 2637 2642 2645 2649 2651 2654 2656 2658 2661 2665 2668 2670 2674 2676 2678 2680 2683 2685 2688-2689 2692 2695-2696 2699 2701 2703 2705 2708 2712 2714 2717 2719 2721 2724 2728 2731-2732 2734 2737 2740 2743 2745 2747 2749 2752-2753 2758 2760-2761 2764 2766 2768 2770 2772 2775-2776 2778 2783 2785 2787 2789 2791-2792 2794 2796 2798 2800 2804 2807-2808 2816-2817 2820 2822 2824 2826 2828 2830 2834-2835 2838 2840 2842 2844 2846 2851 2853 2855-2856 2859 2861 2863 2865 2867 2869 2874-2875 2877 2881 2883 2885 2896 2899 2902 2904 2906 2908-2909 2911 2914-2915 2917 2920 2922 2924 2926 2928 2930 2932 2934 2937 2939 2941 2943-2944 2947 2950 2952-2953 2956 2958 2960 2962 2964 2966 2968 2973 2975 2980 2982 2984 2986-2991 2993-2995 2998 3000 3002 3004 3006 3008 3010 3012 3014 3016 3018 3021 3023 3025 3027 3031 3033 3035 3037 3040 3042 3044 3047-3048 3050 3052 3055-3056 3058 3060 3063-3064 3066 3068 3071 3074 3076 3079-3080 3083 3086-3087 3089 3093 3095 3097 3099 3101 3103 3105 3107 3109 3111 3113 3115 3117 3121 3123 3125 3127 3129 3131-3132 3135-3136 3138 3140-3141 3143 3145 3147-3149 3151-3162 3164 3166-3167 3170 3173-3174 3177-3178 3180 3182-3183 3185 3187 3189 3192 3194 3196-3197 3199 3201 3203 3205-3206 3208 3210-3211 3213 3215 3218-3219 3221 3223-3224 3227 3230 3232 3234 3236-3237 3239-3240 3242 3244 3246 3256-3257 3259 3261 3264 3266 3268 3270 3272-3273 3275 3277-3278 3280 3282 3284 3286 3289 3291 3293 3295-3296 3299 3301 3303-3304 3306 3308 3310 3312-3314 3316 3318-3319 3321 3323 3325 3327-3328 3330 3332 3335 3337-3338 3341 3343 3345 3349 3351 3353-3354 3357 3359 3361-3362 3365-3366 3368 3370 3373-3374 3376 3378-3379 3381 3383-3384 3386 3389 3391-3392 3394 3396 3398 3400 3402 3404 3408-3410 3412 3414 3416 3418 3420 3422-3423 3425 3427 3430-3431 3433 3435 3437 3439-3440 3444 3446 3448-3449 3451 3453 3455-3457 3460-3461 3464-3465 3468 3470 3472-3479

KIT No. QTY PER A/C CONFIGURATION

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

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211176A01R01 1

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The Kits and configurations applicable to these MSNs are given at the end of this list

2476 2553 2590 2610 2653 2687 2707 2713 2730 2736 2741 2756 2759 2767 2793 2799 2809 2823 2862 2868 2882 2895 2903 2912 2916 2919 2927 2933 2936 2957 2965 2971 2974 2996 2999 3005 3013 3015 3022 3034 3051 3067 3075 3081 3098 3112 3120 3126 3130 3146 3191 3198 3207 3212 3217 3222 3229 3233 3235 3241 3247 3249 3251 3254 3262 3265 3267 3274 3283 3290 3294 3297 3302 3307 3315 3322 3326 3329 3334 3339-3340 3350 3355 3360 3367 3369 3372 3382 3387 3397 3399 3401 3405 3419 3429 3434 3441 3458-3459 3462 3471

KIT No. QTY PER A/C CONFIGURATION

211176A01R01 1

02

The Kits and configurations applicable to these MSNs are given at the end of this list

2037 2043 2050 2053 2062 2119-2120 2129 2170 2176 2181 2184 2196 2213-2214 2224 2228 2230 2245 2249 2251 2265 2268 2271 2277 2279 2281 2283 2289 2296 2300 2306 2308 2319 2326 2335 2346 2353 2355 2360 2362 2370 2375 2378-2380 2383 2385 2387 2392 2396 2398 2400 2402 2404 2406 2412 2414 2418 2420 2424 2427 2431 2433 2436 2438 2440 2442 2444 2446 2448 2450 2452 2456 2460 2463 2465 2467-2471 2473 2477 2481 2483 2485 2487 2490 2492 2495 2497 2501 2503 2512 2514 2516 2518-2519 2527-2528 2538 2541 2545-2546 2548 2550-2551 2554-2561 2565 2567 2572 2574 2578-2579 2581 2585-2586 2588 2592-2593 2603 2605 2607 2611 2614 2617 2621-2622 2624-2625 2628-2629 2631-2632 2634 2636 2638 2643-2644 2646 2648 2650 2655 2657 2659-2660 2662 2664 2666-2667 2672-2673 2675 2677 2679 2681 2684 2691 2693-2694 2697-2698 2700 2702 2704 2706 2709 2711 2715-2716 2718 2720 2723 2727 2729 2733 2735 2738-2739 2742 2744 2746 2748 2751 2754 2757 2762-2763 2765 2769 2771 2773-2774 2777 2779-2780 2782 2784 2786 2788 2790 2795 2797 2801 2803 2805-2806 2811-2813 2815 2818-2819 2821 2825 2827 2829 2831 2833 2836-2837 2839 2841 2843 2845 2847 2849-2850 2852 2854 2857-2858 2860 2864 2866 2870 2872-2873 2876 2878-2879 2884 2886-2894 2897-2898 2901 2905 2907 2913 2921 2923 2925 2929 2935 2938 2940 2942 2946 2948-2949 2954 2959 2961 2963 2969 2976 2978-2979 2981 2983 2985 2997 3003 3007 3011 3017 3019-3020 3024 3026 3028 3032 3036 3041 3043 3045-3046 3049 3053-3054 3057 3059 3061 3065 3069 3073 3077-3078 3082 3084-3085 3088 3090 3094 3096 3102 3104 3108 3114 3116 3118 3122 3124 3128 3133-3134 3137 3139 3142 3144 3165 3168-3169 3171-3172 3175-3176 3179 3181 3184 3186 3188 3193 3195 3200 3202 3204 3209 3226 3231 3243 3245 3248 3250 3252-3253 3255 3258 3260 3269 3271 3276 3279 3281 3285 3288 3292 3298 3300 3305 3309 3311 3317 3320 3324 3331 3336 3342 3344 3346-3347 3352 3356 3358 3364 3375 3377 3380 3385 3388 3393 3395 3403 3406-3407 3411 3413 3415 3417 3421 3424 3426 3428 3432 3436 3442-3443 3445 3447 3450 3452 3454 3463 3466-3467

KIT No. QTY PER A/C CONFIGURATION
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The Kits and configurations applicable to these MSNs are given at the end of this list

1599 1660 1939 1991 2017 2035 2051 2059 2071 2081 2100 2109 2218 2276 2317 2328 2333 2344 2350 2358 2367 2377 2394 2523 2544 2552 2575 2582 2601 2686 2750 2910 2918 2931 2951 2955 2967 2972 3001 3009 3030 3038 3062 3092 3100 3110 3163 3214 3216 3220 3225 3238 3333 3363 3371 3390 3438 3469

KIT No. QTY PER A/C CONFIGURATION

211176A01R01 1 04

NOTE: Config. 01 is valid for A320 aircraft.

NOTE: Config. 02 is valid for A321 aircraft.

NOTE: Config. 03 is valid for A319 aircraft.

NOTE: Config. 04 is valid for A318 aircraft.

(3) Spares

None

B. CONCURRENT REQUIREMENTS

None

C. REASON

(1) History

Airlines have reported further to a Digital Flight Data Recorder (DFDR) readout that parameters "PACK 1&2 FLOW CTL NOT FC" were recorded at value "1" at all times. Since Air Conditioning System Controller (ACSC) installation (A318 1599), there is no more connection between System Data Acquisition Concentrator (SDAC) and Flow Control Valve (FCV). The corresponding bit on SDAC label 003 is set to one, which means FCV is never seen fully closed. Since ACSC installation, DFDR records an erroneous data for the FCV position. Furthermore some warnings (Bleed and Wing Anti Ice (WAI)) could not be triggered, if "PACK 1&2 FLOW CTL NOT FC" is indicated at all times.

(2) Objective/Action

The FCV position (FCV FULLY CLOSED/NOT FULLY CLOSED) is transmitted to the SDAC. The SDAC forwards the information to the Flight Warning Computer (FWC) for 'AIR ENG1/(2) BLEED ABNORM PR' triggering and to the DFDRS for FCV position recording. This Service Bulletin consists of the installation of two wires between FCV and SDAC to enable the SDAC to retrieve accurate data for the FCV position.

(3) Advantages

The accomplishment of this Service Bulletin will improve the SDAC information with the reference to the FCV position.

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(4) Operational/Maintenance Consequences
None

D. DESCRIPTION

To accomplish this Service Bulletin it is necessary to :

- (1) Config. 01
 - (a) Remove the shelves 95VU and 96VU from the avionics compartment.
 - (b) Modify the wiring and the equipment in the 95VU.
 - (c) Modify the wiring and the equipment in the 96VU.
 - (d) Modification of the wiring in 80VU.
 - (e) Modification of the wiring in avionics compartment
 - (f) Install the shelves 95VU and 96VU in the avionics compartment.
- (2) Config. 02
 - (a) Remove the shelves 95VU and 96VU from the avionics compartment.
 - (b) Modify the wiring and the equipment in the 95VU.
 - (c) Modify the wiring and the equipment in the 96VU.
 - (d) Modification of the wiring in 80VU.
 - (e) Modification of the wiring in avionics compartment
 - (f) Install the shelves 95VU and 96VU in the avionics compartment.
- (3) Config. 03
 - (a) Remove the shelves 95VU and 96VU from the avionics compartment.
 - (b) Modify the wiring and the equipment in the 95VU.
 - (c) Modify the wiring and the equipment in the 96VU
 - (d) Modification of the wiring in 80VU
 - (e) Modification of the wiring in avionics compartment
 - (f) Install the shelves 95VU and 96VU in the avionics compartment.
- (4) Config. 04
 - (a) Remove the shelves 95VU and 96VU from the avionics compartment.

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- (b) Modify the wiring and the equipment in the 95VU.
- (c) Modify the wiring and the equipment in the 96VU
- (d) Modification of the wiring between the 95VU and 96VU
- (e) Modification of the wiring in 80VU
- (f) Modification of the wiring in avionics compartment
- (g) Install the shelves 95VU and 96VU in the avionics compartment.

E. COMPLIANCE

(1) Classification

Desirable

(2) Accomplishment Timescale

In accordance with operators' maintenance schedule.

F. APPROVAL

Approved under EASA Design Organisation Approval No. EASA.21J.031.

If an aircraft listed in the effectivity has a modification or repair embodied that is not of AIRBUS origin, and which affects the content of this Service Bulletin, the operator is responsible for obtaining approval by its airworthiness authority for any adaptation necessary before incorporation of the Service Bulletin.

G. MANPOWER

The manpower estimates given in this Service Bulletin are based on the direct labor cost to do the work. These estimates assume that the work will be done by experienced personnel, and may need to be revised upwards to suit operator's circumstances. The estimates do not include the time to prepare, plan or inspect the work. Manufacture and procurement of parts and tools, drying times for paints, sealants, etc, and general administration work are also not included.

Config. 01 thru Config. 03

Get Access	2.0
Removal of 95VU and 96VU	4.0
Modification of 95VU	2.0
Modification of 96VU	2.0
Modification of 80VU	1.0
Modification in Zone	20.0

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Installation of 95VU and 96VU	6.0
Tests	3.0
Close-up	2.0
TOTAL MANHOURS	42.0
ELAPSED TIME (HOURS)	28.0
Config. 04	
Get Access	2.0
Removal of 95VU and 96VU	4.0
Modification of 95VU	2.5
Modification of 96VU	2.5
Modification of 80VU	1.0
Modification in Zone	20.0
Modification between 95VU and 96VU	0.5
Installation of 95VU and 96VU	6.0
Tests	3.0
Close-up	2.0
TOTAL MANHOURS	43.5
ELAPSED TIME (HOURS)	28.5

H. WEIGHT AND BALANCE

Not changed

I. <u>ELECTRICAL LOAD DATA</u>

Not changed

J. <u>REFERENCES</u>

Aircraft Maintenance Manual (AMM) : 12-34-24 20-28-00 21-26-00 21-31-34

21-43-34 21-61-34 22-96-00 22-97-00 24-22-33 24-38-51 25-54-11 31-50-00 31-55-34 31-60-00 33-13-00 33-14-00 34-36-31 36-11-34 52-11-00 52-31-00

52-41-00

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Elec. Std. Practices Manual (ESPM) : 20-25-51 20-33-00 20-33-44 20-52-10

20-52-21 20-55-00

Consumable Material List (CML)

K. PUBLICATIONS AFFECTED

Aircraft Maintenance Manual (AMM) : 21-51-00

Aircraft Schematic Manual (ASM) : 21-51-01 21-51-02 31-54-02

Aircraft Wiring Lists (AWL)

Aircraft Wiring Manual (AWM) : 21-51-01 21-51-02 21-51-04 21-51-05

31-54-54

L. <u>INTERCHANGEABILITY/MIXABILITY</u>

Not applicable

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2. MATERIAL INFORMATION

A. MATERIAL - PRICE AND AVAILABILITY

(1) Material

Customers with aircraft shown in the effectivity of this Service Bulletin should send a purchase order to AIRBUS. Quote the number of this Service Bulletin. The address is:

AIRBUS Material, Logistics and Suppliers Weg beim Jaeger 150 D-22335 Hamburg Germany

For ordering by internet:http://spares.airbus.com

For SB Kits by fax: +49 40 50 76 25 90 For Spares by fax: +49 40 50 76 40 12

(2) Price and Availability

Kit 211176A01R01

Cost : 1080.00 US dollars

Availability: 90 calendar days from receipt of order

The Kit availability given above is the standard lead time from the date of your purchase order. If you require the Kit(s) before this time, please include a retrofit planning schedule with your order so that we can try to comply with your requirements.

The sales terms (costs and availability) are estimated in relation to economic conditions at the issue date of the Service Bulletin.

B. INDUSTRY SUPPORT INFORMATION

For aircraft under warranty at 11 April 2008, AIRBUS will provide the material at no charge, and will credit the manhours indicated in this Service Bulletin at the operator's agreed in-house warranty labor rate upon receipt of a warranty claim.

C. LIST OF COMPONENTS

Kit 211176A01R01

ITEM	NEW PART No.	QTY	UM	KEYWORD	ITEM	OLD PART No.	INT INST DISP
	D9000095022595	1		Bundle			
	D9000095022695	1		Bundle			
	D9000095022795	1		Bundle			
	D9000095022895	1		Bundle			
	NSA935401-03	300		Tie			
	NSA935401-05	300		Tie			
	NSA935401-13	300		Tie			
	NSA937901E0	1		Label			

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ITEM	NEW PART No.	QTY	UM	KEYWORD	ITEM	OLD PART No.	INT INST DISP
	NSA937901E1	1		Label			
	NSA937901E2	1		Label			
	NSA937901E3	1		Label			
	NSA937901MA2204	2		Module			

NOTE: Refer to the AIRBUS Standards Manual (SM) if you find part numbers of hardware

components in the related kit(s) which you cannot identify in the LIST OF

COMPONENTS of this Service Bulletin. The SM will give you the correct part number

to part number relationship.

D. LIST OF MATERIALS - OPERATOR SUPPLIED

(1) Consumable Materials

DESCRIPTION	REFERENCE TO CML MAT No.	QTY PER A/C INST/DISP
Pure Mineral Vaseline or Petro-Latum	Mat. No. 04-012	As required
Electrical Bonding Coating (Blue Color)	Mat. No. 07-001B	As required
Contact EN3155-008M2222	None	As required

(2) Components

None

E. PARTS TO BE RE-IDENTIFIED BY THE OPERATOR

None

F. TOOLING - PRICE AND AVAILABILITY

None

G. SPECIAL TOOLS

None

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3. ACCOMPLISHMENT INSTRUCTIONS

A. GENERAL

WARNING: MAKE SURE THAT YOU OBEY ALL THE WARNINGS AND ALL THE CAUTIONS

INCLUDED IN THE REFERENCED PROCEDURES.

CAUTION: ALWAYS OBEY THE PRECAUTIONS THAT FOLLOW TO KEEP ELECTRICAL

WIRING IN A SATISFACTORY CONDITION (ELECTRICALLY AND MECHANICALLY

SERVICEABLE).

WHEN YOU DO MAINTENANCE WORK, REPAIRS OR MODIFICATIONS, ALWAYS KEEP ELECTRICAL WIRING, COMPONENTS AND THE WORK AREA AS CLEAN

AS POSSIBLE. TO DO THIS:

- PUT PROTECTION, SUCH AS PLASTIC SHEETING, CLOTHS, ETC; AS NECESSARY ON ELECTRICAL WIRING AND COMPONENTS

- REGULARLY REMOVE ALL SHAVINGS, UNWANTED MATERIAL AND OTHER CONTAMINATION.

THESE PRECAUTIONS WILL DECREASE THE RISK OF CONTAMINATION AND DAMAGE TO THE ELECTRICAL WIRING INSTALLATION.

IF THERE IS CONTAMINATION, REFER TO ESPM 20-55-00.

(1) Preparation

- (a) Config. 01 thru Config. 04
 - Make sure that the aircraft is electrically grounded (Refer to AMM 12-34-24, Page block 201).
 - 2 Put the access platform(s) in position.
 - Open the FWD passenger/crew door(s) (Refer to AMM 52-11-00, Page block 001).
 - 4 Open the FWD compartment door(s) (Refer to AMM 52-31-00, Page block 001).
 - Open the avionics compartment FWD door(s) (Refer to AMM 52-41-00, Page block 001).
 - 6 In the FWD cargo-compartment, at FR24A, remove the partition panels 131AW, 131BW, 131CW, 131DW, 131EW and 132BW (Refer to AMM 25-54-11, Page block 401).
 - Make sure that the external connector(s) is (are) not connected to the aircraft receptacle(s) EXT PW.
 - 8 Make sure that there is (are) warning notice(s) on external power receptacle to tell persons not to connect an external power source.

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- 9 Make sure that the EMER EXIT LT pushbutton switch on 25VU is on OFF position.
- 10 In the cockpit, on the overhead panel 35VU release BAT pushbutton switches.
- 11 Put a warning notice on panel 35VU to tell persons no to operate the batteries.
- 12 Put a warning notice on refuel/defuel panel 800VU to tell persons no to operate the NORMAL BATTERY switch.
- 13 Put a warning notice in the cockpit to tell persons not to start the APU.
- 14 Put a warning notice in the cockpit to tell persons not to start the ENG1, 2.
- 15 Disconnect the battery:
 - For Job Set-up, refer to Removal / Installation of the batteries (Refer to AMM 24-38-51, Page block 401
 - Turn the knurled nut a quarter turn
 - Disconnect the connectors
 - Put blanking caps on the disconnected electrical connectors
- <u>16</u> Do the removal of the Air-Conditioning System Controller (47 HH) (Refer to AMM 21-61-34, Page block 401)
- <u>17</u> Do the removal of the Air-Conditioning System Controller (57 HH) (Refer to AMM 21-61-34, Page block 401)
- 18 Do the removal of the SDAC1 (1WV1) (Refer to AMM 31-55-34, Page block 401)
- 19 Do the removal of the SDAC2 (1WV2) (Refer to AMM 31-55-34, Page block 401)
- (2) Standard Practices
 - (a) For the specification of the material numbers (Mat No.), refer to the Consumable Material List (CML) .
 - (b) Obey the instructions for the general wiring installation (Refer to ESPM 20-33-00).
 - (c) To install the new wires cut them to the necessary length, crimp the terminals and connect them.
 - (d) Do a continuity test of the new and modified wires (Refer to ESPM 20-52-21).
 - (e) Route the new wires with the wires that are in the aircraft.
 - (f) For the cable tie application and tooling, refer to ESPM 20-25-51 and ESPM 20-33-44.

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(g) Do the electrical bonding (Refer to AMM 20-28-00, Page block 201) withPure Mineral Vaseline or Petro-Latum (Mat. No. 04-012) and Electrical Bonding Coating (Blue Color) (Mat. No. 07-001B).

B. MODIFICATION

- (1) Config. 01
 - (a) Remove the shelves 95VU and 96VU from the avionics compartment.

Refer to AMM 21-31-34, Page block 401

Refer to AMM 21-43-34, Page block 401

Refer to AMM 21-61-34, Page block 401

Refer to AMM 24-22-33, Page block 401

Refer to AMM 34-36-31, Page block 401

Refer to AMM 34-36-31, Page block 401 Refer to AMM 36-11-34, Page block 401

- 1 Remove and retain these computers installed on the shelves:
 - Cabin pressure controllers 1 and 2, FINs 11HL and 12HL, if installed (Refer to AMM 21-31-34, Page block 401)
 - Heat controller, FIN 10HC, if installed (Refer to AMM 21-43-34, Page block 401)
 - Air conditioning system controllers 1 and 2, FINs 47HH and 57HH, if installed (Refer to AMM 21-61-34, Page block 401)
 - Electrical Generation Interface Units (EGIU1 and 2), FINs 22XU1 and 22XU2, if installed (Refer to AMM 24-22-33, Page block 401)
 - Multi-Mode Receivers (MMR1 and 2), FINs 40RT1 and 40RT2, if installed (Refer to AMM 34-36-31, Page block 401)
 - Instrument Landing System receivers (ILS1 and 2), FINs 2RT1 and 2RT2, if installed (Refer to AMM 34-36-31, Page block 401)
 - Bleed Monitoring Computers (BMC1 and 2), FINs 1HA1 and 1HA2, if installed (Refer to AMM 36-11-34, Page block 401).

NOTE: Removal of all the above mentioned computers has to be done in relation with the aircraft configuration.

o

NOTE: You have to install these computers again after the modification.

- 2 Disconnect the shelves cut-off connectors and install blanking caps.
- 3 Disconnect the bonding braids.
- 4 Remove the attachment hardware from the shelves.

NOTE: Retain the hardware.

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- 5 Remove the shelves and install them on the work bench.
- (b) Modify the wiring and the equipment in the 95VU.

Refer to Figure 1

I

Refer to Figure 2

Refer to Figure 3

Refer to Figure 14

Refer to Kit 211176A01R01

- 1 On the 209VT, in position 20, Remove and retain end clamp
- 2 On the 209VT, in position 20, install :

Module NSA937901MA2204
Label Identification NSA937901E2
Label Identification NSA937901E0

- 3 On the 209VT, install the end clamp removed at paragraph (1) (b) 1.
- 4 Remove the wires as shown on the wiring diagram, Figure 3 Sheet 1 and as given in the Hook-up Chart lines :
 - 1 thru 4 (Refer to Figure 14 Sheet 1)
- 5 Install the wires as shown on the wiring diagram, Figure 3 Sheets 2 and 3 and as given in the Hook-up Chart lines :
 - 8 thru 16 (Refer to Figure 14 Sheet 1)

supplied in

Bundle D9000095022795

NOTE: Use Contact EN3155-008M2222.

6 Attach the wires with:

 100
 Tie-Cable
 NSA935401-03

 100
 Tie-Cable
 NSA935401-05

 100
 Tie-Cable
 NSA935401-13

(c) Modify the wiring and the equipment in the 96VU.

Refer to Figure 1

Refer to Figure 2

Refer to Figure 7

Refer to Figure 18

Refer to Kit 211176A01R01

- 1 On the 210VT, in position 13, remove and retain end clamp.
- 2 On the 210VT, in position 13, install:

1 Module NSA937901MA2204

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Label Identification NSA937901E1Label Identification NSA937901E3

- 3 On the 210VT, install the end clamp removed at paragraph (1) (c) 1.
- 4 Remove the wires as shown on the wiring diagram, Figure 7 Sheet 1 and as given in the Hook-up Chart lines:
 - 1 thru 4 (Refer to Figure 18 Sheet 1)
- Install the wires as shown on the wiring diagram, Figure 7 Sheets 2 and 3, and as given in the Hook-up Chart lines:
 - 8 thru 16 (Refer to Figure 18 Sheet 1)

supplied in

1 Bundle D9000095022695

NOTE: Use Contact EN3155-008M2222.

6 Attach the wires with:

 100
 Tie-Cable
 NSA935401-03

 100
 Tie-Cable
 NSA935401-05

 100
 Tie-Cable
 NSA935401-13

(d) Modification of the wiring in 80VU.

Refer to Figure 1

Refer to Figure 2

Refer to Figure 11

Refer to Figure 22

Refer to Kit 211176A01R01

- 1 Install the wires as shown on the wiring diagram, Figure 11, Sheets 1 and 2, and as given in the Hook-up Chart lines:
 - 1 thru 6 (Refer to Figure 22, Sheet 1)

supplied in

Bundle D9000095022595

2 Attach the wires with:

 100
 Tie-Cable
 NSA935401-03

 100
 Tie-Cable
 NSA935401-05

 100
 Tie-Cable
 NSA935401-13

(e) Modification of the wiring in avionics compartment

Refer to Figure 1

Refer to Figure 2

Refer to Figure 12

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Refer to Figure 23 Refer to Kit 211176A01R01

- Install the wires as shown on the wiring diagram, Refer to Figure 12, Sheets1 and 2, and as given in the Hook-up Chart lines:
 - 1 and 2 (Refer to Figure 23, Sheet 1)

supplied in

Bundle D9000095022895

2 Attach the wires with:

100	Tie-Cable	NSA935401-03
100	Tie-Cable	NSA935401-05
100	Tie-Cable	NSA935401-13

(f) Install the shelves 95VU and 96VU in the avionics compartment.

Refer to AMM 21-31-34, Page block 401 Refer to AMM 21-43-34, Page block 401 Refer to AMM 21-61-34, Page block 401 Refer to AMM 24-22-33, Page block 401 Refer to AMM 34-36-31, Page block 401

Refer to AMM 34-36-31, Page block 401 Refer to AMM 36-11-34, Page block 401

- 1 Put in position the shelves in the aircraft.
- 2 Do the electrical bonding on the shelves attachment.
- 3 Attach the shelves and connect the bonding braids with the hardware retained at removal.
- 4 Connect the shelves cut-off connectors.
- 5 Install these computers on the shelves:
 - Cabin pressure controllers 1 and 2, FINs 11HL and 12HL, if removed (Refer to AMM 21-31-34, Page block 401)
 - Heat controller, FIN 10HC, if removed (Refer to AMM 21-43-34, Page block 401)
 - Air conditioning system controllers 1 and 2, FINs 47HH and 57HH, if removed (Refer to AMM 21-61-34, Page block 401)
 - EGIU1 and 2, FINs 22XU1 and 22XU2, if removed (Refer to AMM 24-22-33, Page block 401)
 - Multi-Mode Receivers (MMR1 and 2), FINs 40RT1 and 40RT2, if installed (Refer to AMM 34-36-31, Page block 401)

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- ILS1 and 2, FINs 2RT1 and 2RT2, if removed (Refer to AMM 34-36-31, Page block 401)
- BMC1 and 2, FINs 1HA1 and 1HA2, if removed (Refer to AMM 36-11-34, Page block 401).

NOTE: These computers were retained at removal.

- (2) Config. 02
 - (a) Remove the shelves 95VU and 96VU from the avionics compartment.

Refer to AMM 21-31-34, Page block 401

Refer to AMM 21-43-34, Page block 401

Refer to AMM 21-61-34, Page block 401

Refer to AMM 24-22-33, Page block 401

Refer to AMM 34-36-31, Page block 401

Refer to AMM 34-36-31, Page block 401

Refer to AMM 36-11-34, Page block 401

- 1 Remove and retain these computers installed on the shelves:
 - Cabin pressure controllers 1 and 2, FINs 11HL and 12HL, if installed (Refer to AMM 21-31-34, Page block 401)
 - Heat controller, FIN 10HC, if installed (Refer to AMM 21-43-34, Page block 401)
 - Air conditioning system controllers 1 and 2, FINs 47HH and 57HH, if installed (Refer to AMM 21-61-34, Page block 401)
 - Electrical Generation Interface Units (EGIU1 and 2), FINs 22XU1 and 22XU2, if installed (Refer to AMM 24-22-33, Page block 401)
 - Multi-Mode Receivers (MMR1 and 2), FINs 40RT1 and 40RT2, if installed (Refer to AMM 34-36-31, Page block 401)
 - Instrument Landing System receivers (ILS1 and 2), FINs 2RT1 and 2RT2, if installed (Refer to AMM 34-36-31, Page block 401)
 - Bleed Monitoring Computers (BMC1 and 2), FINs 1HA1 and 1HA2, if installed (Refer to AMM 36-11-34, Page block 401).

NOTE: Removal of all the above mentioned computers has to be done in relation with the aircraft configuration.

NOTE: You have to install these computers again after the modification.

- 2 Disconnect the shelves cut-off connectors and install blanking caps.
- 3 Disconnect the bonding braids.
- 4 Remove the attachment hardware from the shelves.

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NOTE: Retain the hardware.

- 5 Remove the shelves and install them on the work bench.
- (b) Modify the wiring and the equipment in the 95VU.

Refer to Figure 1

Refer to Figure 2

Refer to Figure 4

Refer to Figure 15

Refer to Kit 211176A01R01

- 1 On the 209VT, in position 20, Remove and retain end clamp
- 2 On the 209VT, in position 20, install:

Module NSA937901MA2204
Label Identification NSA937901E2
Label Identification NSA937901E0

- On the 209VT, install the end clamp removed at paragraph (2) (b) 1.
- 4 Remove the wires as shown on the wiring diagram, Figure 4, Sheet 1, and as given in the Hook-up Chart lines :
 - 1 thru 4 (Refer to Figure 15, Sheet 1)
- $\underline{5}$ Install the wires as shown on the wiring diagram, Figure 4, Sheets 2 and 3, and as given in the Hook-up Chart lines :
 - 8 thru 16 (Refer to Figure 15, Sheet 1)

supplied in

Bundle D9000095022795

NOTE: Use Contact EN3155-008M2222.

6 Attach the wires with:

 100
 Tie-Cable
 NSA935401-03

 100
 Tie-Cable
 NSA935401-05

 100
 Tie-Cable
 NSA935401-13

(c) Modify the wiring and the equipment in the 96VU.

Refer to Figure 1

Refer to Figure 2

Refer to Figure 8

Refer to Figure 19

Refer to Kit 211176A01R01

- 1 On the 210VT, in position 13, remove and retain end clamp.
- 2 On the 210VT, in position 13, install:

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Module NSA937901MA2204
Label Identification NSA937901E1
Label Identification NSA937901E3

- On the 210VT, install the end clamp removed at paragraph (2) (c) 1.
- 4 Remove the wires as shown on the wiring diagram, Refer to Figure 8, Sheet 1 and as given in the Hook-up Chart lines:
 - 1 thru 4 (Refer to Figure 19 Sheet 1)
- 5 Install the wires as shown on the wiring diagram, Figure 8, Sheets 2 and 3, as given in the Hook-up Chart lines:
 - 8 thru 16 (Refer to Figure 19, Sheet 1)

supplied in

1 Bundle D9000095022695

NOTE: Use Contact EN3155-008M2222.

6 Attach the wires with:

I

 100
 Tie-Cable
 NSA935401-03

 100
 Tie-Cable
 NSA935401-05

 100
 Tie-Cable
 NSA935401-13

(d) Modification of the wiring in 80VU.

Refer to Figure 1

Refer to Figure 2

Refer to Figure 11

Refer to Figure 22

Refer to Kit 211176A01R01

- Install the wires as shown on the wiring diagram, Figure 11, Sheets 1 and 2, as given in the Hook-up Chart lines:
 - 1 thru 6 (Refer to Figure 22, Sheet 1)

supplied in

Bundle D9000095022595

2 Attach the wires with:

 100
 Tie-Cable
 NSA935401-03

 100
 Tie-Cable
 NSA935401-05

 100
 Tie-Cable
 NSA935401-13

(e) Modification of the wiring in avionics compartment Refer to Figure 1

Refer to Figure 2

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Refer to Figure 12 Refer to Figure 23 Refer to Kit 211176A01R01

- Install the wires as shown on the wiring diagram, Refer to Figure 12, Sheets 1 and 2, as given in the Hook-up Chart lines:
 - 1 and 2 (Refer to Figure 23, Sheet 1)

supplied in

Bundle D9000095022895

2 Attach the wires with:

100	Tie-Cable	NSA935401-03
100	Tie-Cable	NSA935401-05
100	Tie-Cable	NSA935401-13

(f) Install the shelves 95VU and 96VU in the avionics compartment.

Refer to AMM 21-31-34, Page block 401 Refer to AMM 21-43-34, Page block 401 Refer to AMM 21-61-34, Page block 401 Refer to AMM 24-22-33, Page block 401 Refer to AMM 34-36-31, Page block 401 Refer to AMM 34-36-31, Page block 401 Refer to AMM 36-11-34, Page block 401

- 1 Put in position the shelves in the aircraft.
- 2 Do the electrical bonding on the shelves attachment.
- 3 Attach the shelves and connect the bonding braids with the hardware retained at removal.
- 4 Connect the shelves cut-off connectors.
- 5 Install these computers on the shelves :
 - Cabin pressure controllers 1 and 2, FINs 11HL and 12HL, if removed (Refer to AMM 21-31-34, Page block 401)
 - Heat controller, FIN 10HC, if removed (Refer to AMM 21-43-34, Page block 401)
 - Air conditioning system controllers 1 and 2, FINs 47HH and 57HH, if removed (Refer to AMM 21-61-34, Page block 401)
 - EGIU1 and 2, FINs 22XU1 and 22XU2, if removed (Refer to AMM 24-22-33, Page block 401)
 - Multi-Mode Receivers (MMR1 and 2), FINs 40RT1 and 40RT2, if installed (Refer to AMM 34-36-31, Page block 401)

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- ILS1 and 2, FINs 2RT1 and 2RT2, if removed (Refer to AMM 34-36-31, Page block 401)
- BMC1 and 2, FINs 1HA1 and 1HA2, if removed (Refer to AMM 36-11-34, Page block 401).

NOTE: These computers were retained at removal.

- (3) Config. 03
 - (a) Remove the shelves 95VU and 96VU from the avionics compartment.

Refer to AMM 21-31-34, Page block 401

Refer to AMM 21-43-34, Page block 401

Refer to AMM 21-61-34, Page block 401

Refer to AMM 24-22-33, Page block 401

Refer to AMM 34-36-31, Page block 401

Refer to AMM 34-36-31, Page block 401

Refer to AMM 36-11-34, Page block 401

- 1 Remove and retain these computers installed on the shelves:
 - Cabin pressure controllers 1 and 2, FINs 11HL and 12HL, if installed (Refer to AMM 21-31-34, Page block 401)
 - Heat controller, FIN 10HC, if installed (Refer to AMM 21-43-34, Page block 401)
 - Air conditioning system controllers 1 and 2, FINs 47HH and 57HH, if installed (Refer to AMM 21-61-34, Page block 401)
 - Electrical Generation Interface Units (EGIU1 and 2), FINs 22XU1 and 22XU2, if installed (Refer to AMM 24-22-33, Page block 401)
 - Multi-Mode Receivers (MMR1 and 2), FINs 40RT1 and 40RT2, if installed (Refer to AMM 34-36-31, Page block 401)
 - Instrument Landing System receivers (ILS1 and 2), FINs 2RT1 and 2RT2, if installed (Refer to AMM 34-36-31, Page block 401)
 - Bleed Monitoring Computers (BMC1 and 2), FINs 1HA1 and 1HA2, if installed (Refer to AMM 36-11-34, Page block 401).

NOTE: Removal of all the above mentioned computers has to be done in relation with the aircraft configuration.

NOTE: You have to install these computers again after the modification.

- 2 Disconnect the shelves cut-off connectors and install blanking caps.
- 3 Disconnect the bonding braids.
- 4 Remove the attachment hardware from the shelves.

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NOTE: Retain the hardware.

- 5 Remove the shelves and install them on the work bench.
- (b) Modify the wiring and the equipment in the 95VU.

Refer to Figure 1

Refer to Figure 2

Refer to Figure 5

Refer to Figure 16

Refer to Kit 211176A01R01

- 1 On the 209VT, in position 20, Remove and retain end clamp
- 2 On the 209VT, in position 20, install:

Module NSA937901MA2204
Label Identification NSA937901E2
Label Identification NSA937901E0

- 3 On the 209VT, install the end clamp removed at paragraph (3) (b) 1.
- 4 Remove the wires as shown on the wiring diagram, Figure 5, Sheet 1 as given in the Hook-up Chart lines :
 - 1 thru 4 (Refer to Figure 16, Sheet 1)
- $\underline{5}$ Install the wires as shown on the wiring diagram, Figure 5, Sheets 2 and 3 as given in the Hook-up Chart lines :
 - 8 thru 16 (Refer to Figure 16, Sheet 1)

supplied in

Bundle D9000095022795

NOTE: Use Contact EN3155-008M2222.

6 Attach the wires with:

 100
 Tie-Cable
 NSA935401-03

 100
 Tie-Cable
 NSA935401-05

 100
 Tie-Cable
 NSA935401-13

(c) Modify the wiring and the equipment in the 96VU

Refer to Figure 1

Refer to Figure 2

Refer to Figure 9

Refer to Figure 20

Refer to Kit 211176A01R01

- 1 On the 210VT, in position 13, remove and retain end clamp.
- 2 On the 210VT, in position 13, install:

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Module NSA937901MA2204
Label Identification NSA937901E1
Label Identification NSA937901E3

- 3 On the 210VT, install the end clamp removed at paragraph (3) (c) 1.
- 4 Remove the wires as shown on the wiring diagram, Figure 9, Sheet 1 and as given in the Hook-up Chart lines:
 - 1 thru 4 (Refer to Figure 20, Sheet 1)
- 5 Install the wires as shown on the wiring diagram, Figure 9, Sheets 2 and 3, as given in the Hook-up Chart lines:
 - 8 thru 16 (Refer to Figure 20, Sheet 1)

supplied in

1 Bundle D9000095022695

and

I

NOTE: Use Contact EN3155-008M2222.

6 Attach the wires with:

 100
 Tie-Cable
 NSA935401-03

 100
 Tie-Cable
 NSA935401-05

 100
 Tie-Cable
 NSA935401-13

(d) Modification of the wiring in 80VU

Refer to Figure 1

Refer to Figure 2

Refer to Figure 11

Refer to Figure 22

Refer to Kit 211176A01R01

- Install the wires as shown on the wiring diagram, Figure 11, Sheets 1 and 2, as given in the Hook-up Chart lines:
 - 1 thru 6 (Refer to Figure 22, Sheet 1)

supplied in

Bundle D9000095022595

2 Attach the wires with:

 100
 Tie-Cable
 NSA935401-03

 100
 Tie-Cable
 NSA935401-05

 100
 Tie-Cable
 NSA935401-13

(e) Modification of the wiring in avionics compartment

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Refer to Figure 1 Refer to Figure 2 Refer to Figure 12 Refer to Figure 23 Refer to Kit 211176A01R01

- 1 Install the wires as shown on the wiring diagram, Refer to Figure 12, Sheets 1 and 2, as given in the Hook-up Chart lines:
 - 1 and 2 (Refer to Figure 23, Sheet 1)

supplied in

Bundle D9000095022895

2 Attach the wires with:

100	Tie-Cable	NSA935401-03
100	Tie-Cable	NSA935401-05
100	Tie-Cable	NSA935401-13

(f) Install the shelves 95VU and 96VU in the avionics compartment.

Refer to AMM 21-31-34, Page block 401 Refer to AMM 21-43-34, Page block 401 Refer to AMM 21-61-34, Page block 401 Refer to AMM 24-22-33, Page block 401 Refer to AMM 34-36-31, Page block 401 Refer to AMM 36-11-34, Page block 401

- 1 Put in position the shelves in the aircraft.
- 2 Do the electrical bonding on the shelves attachment.
- 3 Attach the shelves and connect the bonding braids with the hardware retained at removal.
- 4 Connect the shelves cut-off connectors.
- 5 Install these computers on the shelves:
 - Cabin pressure controllers 1 and 2, FINs 11HL and 12HL, if removed (Refer to AMM 21-31-34, Page block 401)
 - Heat controller, FIN 10HC, if removed (Refer to AMM 21-43-34, Page block 401)
 - Air conditioning system controllers 1 and 2, FINs 47HH and 57HH, if removed (Refer to AMM 21-61-34, Page block 401)
 - EGIU1 and 2, FINs 22XU1 and 22XU2, if removed (Refer to AMM 24-22-33, Page block 401)

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- Multi-Mode Receivers (MMR1 and 2), FINs 40RT1 and 40RT2, if installed (Refer to AMM 34-36-31, Page block 401)
- ILS1 and 2, FINs 2RT1 and 2RT2, if removed (Refer to AMM 34-36-31, Page block 401)
- BMC1 and 2, FINs 1HA1 and 1HA2, if removed (Refer to AMM 36-11-34, Page block 401).

NOTE: These computers were retained at removal.

- (4) Config. 04
 - (a) Remove the shelves 95VU and 96VU from the avionics compartment.

Refer to AMM 21-31-34, Page block 401

Refer to AMM 21-43-34, Page block 401

Refer to AMM 21-61-34, Page block 401

Refer to AMM 24-22-33, Page block 401

Refer to AMM 34-36-31, Page block 401

Refer to AMM 34-36-31, Page block 401

Refer to AMM 36-11-34, Page block 401

- 1 Remove and retain these computers installed on the shelves:
 - Cabin pressure controllers 1 and 2, FINs 11HL and 12HL, if installed (Refer to AMM 21-31-34, Page block 401)
 - Heat controller, FIN 10HC, if installed (Refer to AMM 21-43-34, Page block 401)
 - Air conditioning system controllers 1 and 2, FINs 47HH and 57HH, if installed (Refer to AMM 21-61-34, Page block 401)
 - Electrical Generation Interface Units (EGIU1 and 2), FINs 22XU1 and 22XU2, if installed (Refer to AMM 24-22-33, Page block 401)
 - Multi-Mode Receivers (MMR1 and 2), FINs 40RT1 and 40RT2, if installed (Refer to AMM 34-36-31, Page block 401)
 - Instrument Landing System receivers (ILS1 and 2), FINs 2RT1 and 2RT2, if installed (Refer to AMM 34-36-31, Page block 401)
 - Bleed Monitoring Computers (BMC1 and 2), FINs 1HA1 and 1HA2, if installed (Refer to AMM 36-11-34, Page block 401).

NOTE: Removal of all the above mentioned computers has to be done in relation with the aircraft configuration.

NOTE: You have to install these computers again after the modification.

- 2 Disconnect the shelves cut-off connectors and install blanking caps.
- 3 Disconnect the bonding braids.

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4 Remove the attachment hardware from the shelves.

NOTE: Retain the hardware.

- 5 Remove the shelves and install them on the work bench.
- (b) Modify the wiring and the equipment in the 95VU.

Refer to Figure 1

Refer to Figure 2

Refer to Figure 6

Refer to Figure 17

Refer to Kit 211176A01R01

- 1 On the 209VT, in position 20, Remove and retain end clamp
- 2 On the 209VT, in position 20, install:

Module NSA937901MA2204
Label Identification NSA937901E2
Label Identification NSA937901E0

- 3 On the 209VT, install the end clamp removed at paragraph (4) (b) 1.
- 4 Remove the wires as shown on the wiring diagram, Figure 6, Sheet 1, 4, 5, and as given in the Hook-up Chart lines :
 - 1 thru 10 (Refer to Figure 17, Sheet 1)
- 5 Install the wires as shown on the wiring diagram, Figure 6, Sheets 2 and 3 as given in the Hook-up Chart lines :
 - 14 thru 22 (Refer to Figure 17, Sheet 1)

supplied in

Bundle D9000095022795

NOTE: Use Contact EN3155-008M2222.

6 Attach the wires with:

 100
 Tie-Cable
 NSA935401-03

 100
 Tie-Cable
 NSA935401-05

 100
 Tie-Cable
 NSA935401-13

(c) Modify the wiring and the equipment in the 96VU

Refer to Figure 1

Refer to Figure 2

Refer to Figure 10

Refer to Figure 21

Refer to Kit 211176A01R01

1 On the 210VT, in position 13, remove and retain end clamp.

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2 On the 210VT, in position 13, install:

Module NSA937901MA2204
Label Identification NSA937901E1
Label Identification NSA937901E3

- 3 On the 210VT, install the end clamp removed at paragraph (4) (c) 1.
- 4 Remove the wires as shown on the wiring diagram, Refer to Figure 10, Sheets 1, 4 and 5 as given in the Hook-up Chart lines:
 - 1 thru 10 (Refer to Figure 21, Sheet 1)
- 5 Install the wires as shown on the wiring diagram, Figure 10, Sheets 2 and 3, as given in the Hook-up Chart lines:
 - 14 thru 22 (Refer to Figure 21, Sheet 1)

supplied in

1 Bundle D9000095022695

NOTE: Use Contact EN3155-008M2222.

6 Attach the wires with:

 100
 Tie-Cable
 NSA935401-03

 100
 Tie-Cable
 NSA935401-05

 100
 Tie-Cable
 NSA935401-13

(d) Modification of the wiring between the 95VU and 96VU

Refer to Figure 1

Refer to Figure 2

Refer to Figure 13

Refer to Figure 24

- Remove the wires as shown on the wiring diagram, Refer to Figure 13, Sheets 1 and 2, as given in the Hook-up Chart lines:
 - 1 thru 4 (Refer to Figure 24, Sheet 1)
- (e) Modification of the wiring in 80VU

Refer to Figure 1

Refer to Figure 2

Refer to Figure 11

Refer to Figure 22

Refer to Kit 211176A01R01

- Install the wires as shown on the wiring diagram, Figure 11, Sheets 1 and 2, as given in the Hook-up Chart lines:
 - 1 thru 6 (Refer to Figure 22, Sheet 1)

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supplied in

Bundle D9000095022595

2 Attach the wires with:

100	Tie-Cable	NSA935401-03
100	Tie-Cable	NSA935401-05
100	Tie-Cable	NSA935401-13

(f) Modification of the wiring in avionics compartment

Refer to Figure 1

Refer to Figure 2

Refer to Figure 12

Refer to Figure 23

Refer to Kit 211176A01R01

- 1 Install the wires as shown on the wiring diagram, Refer to Figure 12, Sheets 1 and 2, as given in the Hook-up Chart lines:
 - 1 and 2 (Refer to Figure 23, Sheet 1)

supplied in

Bundle D9000095022895

2 Attach the wires with:

100	Tie-Cable	NSA935401-03
100	Tie-Cable	NSA935401-05
100	Tie-Cable	NSA935401-13

(g) Install the shelves 95VU and 96VU in the avionics compartment.

Refer to AMM 21-31-34, Page block 401

Refer to AMM 21-43-34, Page block 401

Refer to AMM 21-61-34, Page block 401

Refer to AMM 24-22-33, Page block 401

Refer to AMM 34-36-31, Page block 401

Refer to AMM 34-36-31, Page block 401

Refer to AMM 36-11-34, Page block 401

- 1 Put in position the shelves in the aircraft.
- 2 Do the electrical bonding on the shelves attachment.
- 3 Attach the shelves and connect the bonding braids with the hardware retained at removal.
- 4 Connect the shelves cut-off connectors.
- 5 Install these computers on the shelves :

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- Cabin pressure controllers 1 and 2, FINs 11HL and 12HL, if removed (Refer to AMM 21-31-34, Page block 401)
- Heat controller, FIN 10HC, if removed (Refer to AMM 21-43-34, Page block 401)
- Air conditioning system controllers 1 and 2, FINs 47HH and 57HH, if removed (Refer to AMM 21-61-34, Page block 401)
- EGIU1 and 2, FINs 22XU1 and 22XU2, if removed (Refer to AMM 24-22-33, Page block 401)
- Multi-Mode Receivers (MMR1 and 2), FINs 40RT1 and 40RT2, if installed (Refer to AMM 34-36-31, Page block 401)
- ILS1 and 2, FINs 2RT1 and 2RT2, if removed (Refer to AMM 34-36-31, Page block 401)
- BMC1 and 2, FINs 1HA1 and 1HA2, if removed (Refer to AMM 36-11-34, Page block 401).

NOTE: These computers were retained at removal.

C. TEST

- (1) Config. 01 thru Config. 03
 - (a) Preparation for the test
 - 1 Install the SDAC 1 (1WV1), (Refer to AMM 31-55-34, Page block 401)
 - 2 Install the SDAC 2 (1WV2), (Refer to AMM 31-55-34, Page block 401)
 - 3 Install the Air-Conditioning System Controller (47HH), (Refer to AMM 21-61-34, Page block 401)
 - Install the Air-Conditioning System Controller (57HH), (Refer to AMM 21-61-34, Page block 401)
 - 5 Do the battery re-connection
 - For Job Set-up, refer to Removal / Installation of the batteries (Refer to AMM 24-38-51, Page block 401)
 - Remove the blanking cap from the electrical connectors
 - Make sure that the electrical connectors are clean and in correct condition
 - Connect the connector on the battery
 - Turn the knurled nut a quarter turn
 - 6 Remove all warning notices

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- 7 Restore the systems and the aircraft to normal operating condition
- (b) Initial Conditions:
 - On each connectors that you disconnected, do a visual check as define by ESPM 20-52-10 to make sure that:
 - the label of the plug is the same as the label on the receptacle.
 - the plug is correctly locked.
- (c) Preliminary Tests:

NOTE: : If the aircraft is operated in CAT 3 conditions, you must also do the Land CAT 3 Capability Test (Refer to AMM 22-97-00, Page block 501).

- Do the operational test of the Instrument and Panel Integral Lighting, (Refer to AMM 33-13-00, Page block 501).
- <u>2</u> Do the operational test of the annunciator Light test System in the cockpit, (Refer to AMM 33-14-00, Page block 501).
- 3 Do the operational Check of the System via MCDU, (Refer to AMM 21-26-00, Page block 501).
- 4 Do the operational test of the AFS (Refer to AMM 22-96-00, Page block 501).
- <u>5</u> Do the operational test of the EIS, (Refer to AMM 31-60-00, Page block 501).
- On the operational test of the ECAM Control Panel, (Refer to AMM 31-50-00, Page block 501).
- <u>7</u> Do the Ground Scanning of the Central Warning System, (Refer to AMM 31-50-00, Page block 501).
- (d) Test of the equipment
 - Do the test after Removal / Installation of the SDAC (1WV1, 1WV2), (Refer to AMM 31-55-34, Page block 401).
 - Test after removal/installation of the shelves 95VU and 96VU :
 - a Do the test after removal/installation of the :
 - Cabin pressure controllers 1 and 2, FINs 11HL and 12HL, if removed (Refer to AMM 21-31-34, Page block 401)
 - Heat controller, FIN 10HC, if removed (Refer to AMM 21-43-34, Page block 401)
 - Air conditioning system controllers 1 and 2, FINs 47HH and 57HH, if removed (Refer to AMM 21-61-34, Page block 401)

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- EGIU1 and 2, FINs 22XU1 and 22XU2, if removed (Refer to AMM 24-22-33, Page block 401)
- Multi-Mode Receivers (MMR1 and 2), FINs 40RT1 and 40RT2, if installed (Refer to AMM 34-36-31, Page block 401)
- ILS1 and 2, FINs 2RT1 and 2RT2, if removed (Refer to AMM 34-36-31, Page block 401)
- BMC1 and 2, FINs 1HA1 and 1HA2, if removed (Refer to AMM 36-11-34, Page block 401).
- (e) Test of the connectors
 - Do the test after disconnection / connection of the connectors 13VC, 63VC, 244VC, 247VC, 263VC and 264VC :

Included in the test after removal/installation of the equipment.

- (2) Config. 04
 - (a) Preparation for the test
 - 1 Install the SDAC 1 (1WV1), (Refer to AMM 31-55-34, Page block 401)
 - 2 Install the SDAC 2 (1WV2), (Refer to AMM 31-55-34, Page block 401)
 - 3 Install the Air-Conditioning System Controller (47HH), (Refer to AMM 21-61-34, Page block 401)
 - 4 Install the Air-Conditioning System Controller (57HH), (Refer to AMM 21-61-34, Page block 401)
 - 5 Do the battery re-connection
 - For Job Set-up, refer to Removal / Installation of the batteries (Refer to AMM 24-38-51, Page block 401)
 - Remove the blanking cap from the electrical connectors
 - Make sure that the electrical connectors are clean and in correct condition
 - Connect the connector on the battery
 - Turn the knurled nut a quarter turn
 - 6 Remove all warning notices
 - <u>7</u> Restore the systems and the aircraft to normal operating condition
 - (b) Initial Conditions:

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- On each connectors that you disconnected, do a visual check as define by ESPM 20-52-10 to make sure that:
 - the label of the plug is the same as the label on the receptacle.
 - the plug is correctly locked.

(c) Preliminary Tests:

NOTE: : If the aircraft is operated in CAT 3 conditions, you must also do the Land CAT 3 Capability Test (Refer to AMM 22-97-00, Page block 501).

- Do the operational test of the Instrument and Panel Integral Lighting, (Refer to AMM 33-13-00, Page block 501).
- <u>2</u> Do the operational test of the annunciator Light test System in the cockpit, (Refer to AMM 33-14-00, Page block 501).
- <u>3</u> Do the operational Check of the System via MCDU, (Refer to AMM 21-26-00, Page block 501).
- 4 Do the operational test of the AFS (Refer to AMM 22-96-00, Page block 501).
- 5 Do the operational test of the EIS, (Refer to AMM 31-60-00, Page block 501).
- 6 Do the operational test of the ECAM Control Panel, (Refer to AMM 31-50-00, Page block 501).
- 7 Do the Ground Scanning of the Central Warning System, (Refer to AMM 31-50-00, Page block 501).
- (d) Test of the equipment
 - Do the test after Removal / Installation of the SDAC (1WV1, 1WV2), (Refer to AMM 31-55-34, Page block 401).
 - 2 Test after removal/installation of the shelves 95VU and 96VU:
 - a Do the test after removal/installation of the :
 - Cabin pressure controllers 1 and 2, FINs 11HL and 12HL, if removed (Refer to AMM 21-31-34, Page block 401)
 - Heat controller, FIN 10HC, if removed (Refer to AMM 21-43-34, Page block 401)
 - Air conditioning system controllers 1 and 2, FINs 47HH and 57HH, if removed (Refer to AMM 21-61-34, Page block 401)
 - EGIU1 and 2, FINs 22XU1 and 22XU2, if removed (Refer to AMM 24-22-33, Page block 401)

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- Multi-Mode Receivers (MMR1 and 2), FINs 40RT1 and 40RT2, if installed (Refer to AMM 34-36-31, Page block 401)
- ILS1 and 2, FINs 2RT1 and 2RT2, if removed (Refer to AMM 34-36-31, Page block 401)
- BMC1 and 2, FINs 1HA1 and 1HA2, if removed (Refer to AMM 36-11-34, Page block 401).
- (e) Test of the connectors
 - Do the test after disconnection / connection of the connectors 13VC, 63VC, 244VC, 247VC, 263VC, 264VC, 242VC, 245VC, 255VC and 262VC :

Included in the test after removal/installation of the equipment.

D. CLOSE UP

- (1) Config. 01 thru Config. 04
 - (a) Make sure that the work areas are clean and clear of tools and other items of equipment.
 - (b) In the FWD cargo-compartment, at FR24A, install the partition panels 131AW, 131BW, 131CW, 131DW, 131EW and 132BW (Refer to AMM 25-54-11, Page block 401).
 - (c) Close the avionic compartment FWD door (Refer to AMM 52-41-00, Page block 001).
 - (d) Close the FWD compartment door (Refer to AMM 52-31-00, Page block 001).
 - (e) Close the FWD passenger/crew door (Refer to AMM 52-11-00, Page block 001).
 - (f) Remove the access platform(s).
 - (g) Restore the systems and the aircraft to normal operating condition.

E. DOCUMENTATION

Write in the applicable aircraft records that you have done all the work given in the Service Bulletin.

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SERVICE BULLETIN

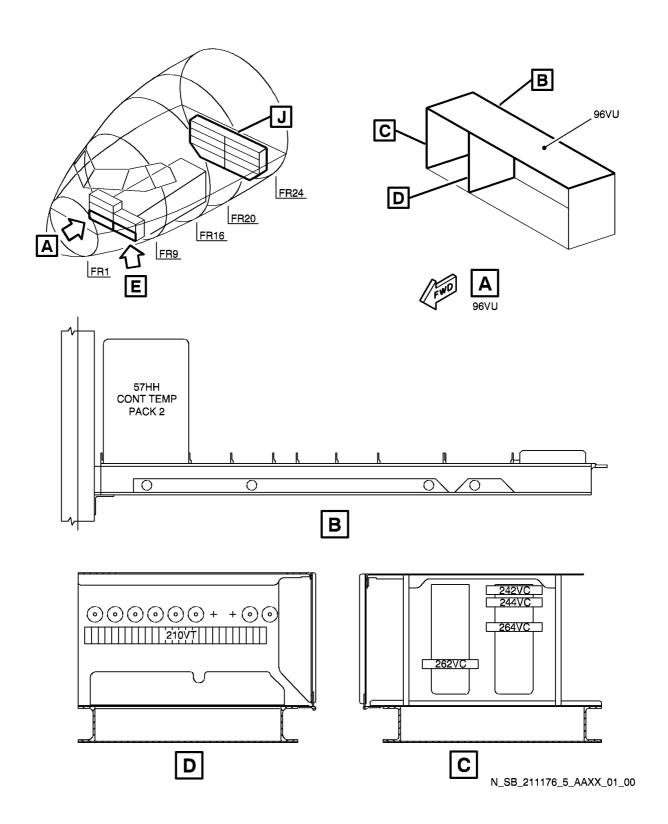


Figure 1, Sheet 1
Config. 01 thru 04: Location of components

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

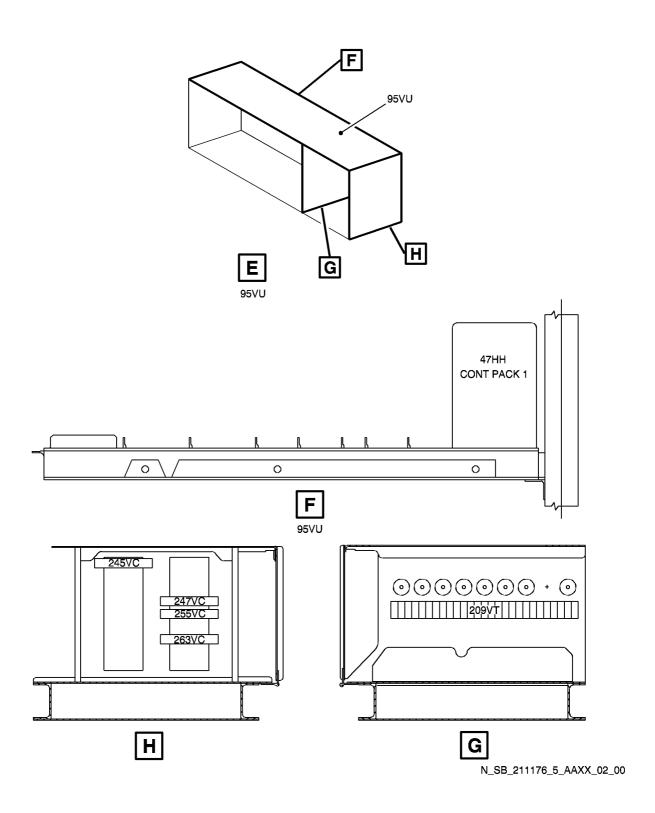
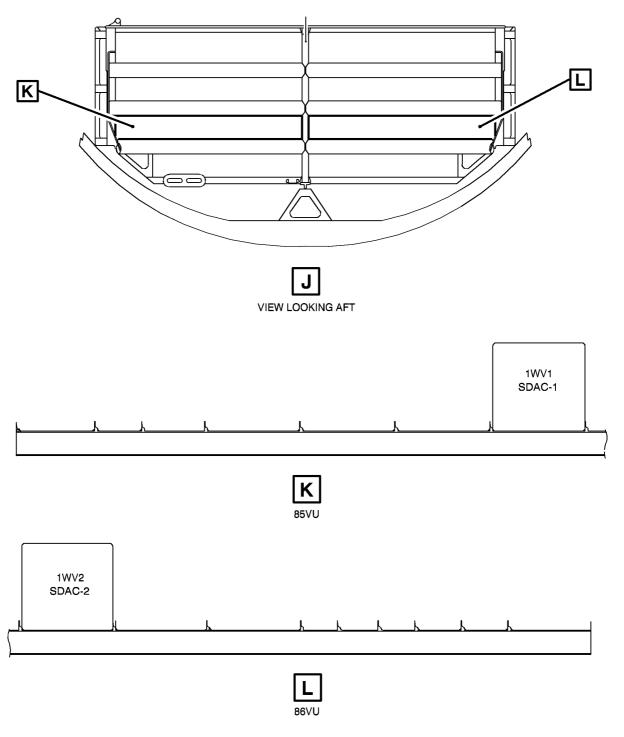


Figure 1, Sheet 2 Config. 01 thru 04: Location of components

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN



N_SB_211176_5_AAXX_03_00

Figure 1, Sheet 3
Config. 01 thru 04: Location of components

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

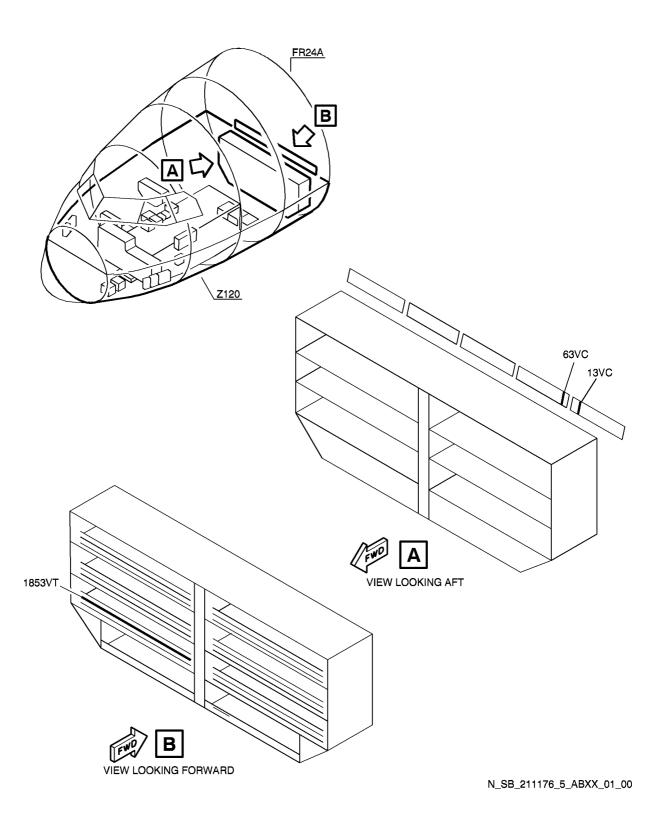
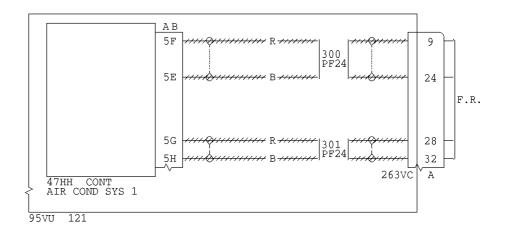


Figure 2, Sheet 1 Config. 01 thru 04: Location

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

BEFORE



////// DELETED WIRE

F.R. FOR REFERENCE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

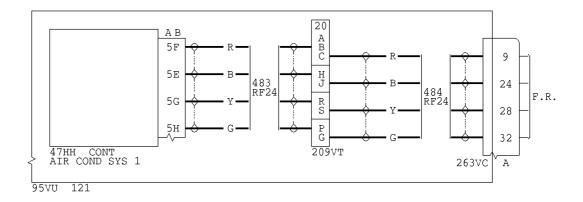
N_SB_211176_5_ALWW_01_00

Figure 3, Sheet 1 Config. 01: Modification of wiring in 95VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

AFTER



----- NEW WIRE F.R. FOR REFERENCE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

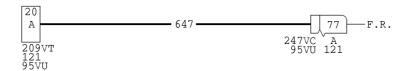
N_SB_211176_5_AJWW_01_00

Figure 3, Sheet 2
Config. 01: Modification of wiring in 95VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

AFTER



- NEW WIRE

F.R. FOR REFERENCE

NOTE : UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 3154 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

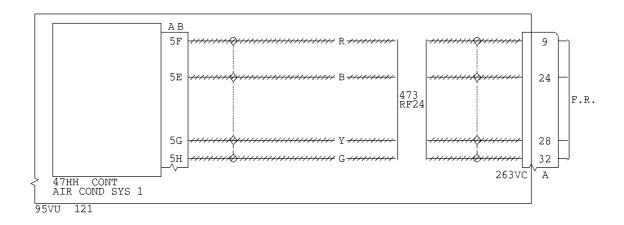
N_SB_211176_5_AOWW_01_00

Figure 3, Sheet 3 Config. 01: Modification of wiring in 95VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

BEFORE



++++++ DELETED WIRE

F.R. FOR REFERENCE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

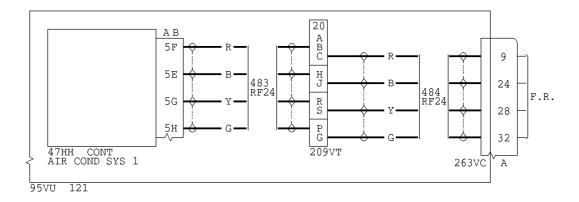
N_SB_211176_5_AMWW_01_00

Figure 4, Sheet 1 Config. 02: Modification of Wiring in 95VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

AFTER



----- NEW WIRE F.R. FOR REFERENCE

NOTE : UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151
UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24
UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

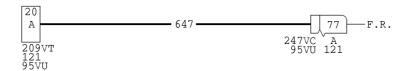
N_SB_211176_5_AJWW_01_00

Figure 4, Sheet 2 Config. 02: Modification of Wiring in 95VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

AFTER



---- NEW WIRE

F.R. FOR REFERENCE

NOTE : UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 3154 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

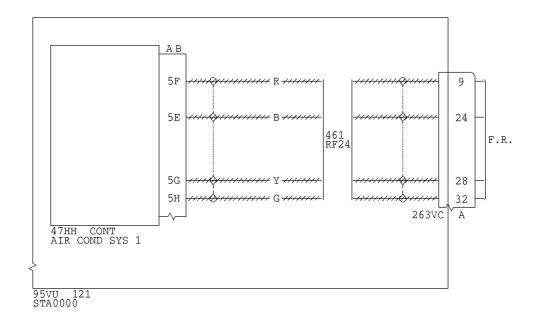
N_SB_211176_5_AOWW_01_00

Figure 4, Sheet 3
Config. 02: Modification of Wiring in 95VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

BEFORE



F.R. FOR REFERENCE

****** WIRE TO BE DELETED

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

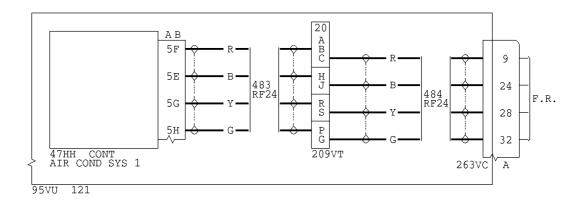
N_SB_211176_5_ANWW_01_00

Figure 5, Sheet 1
Config. 03: Modification of Wiring in 95VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

AFTER



----- NEW WIRE F.R. FOR REFERENCE

NOTE : UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151
UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24
UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

N_SB_211176_5_AJWW_01_00

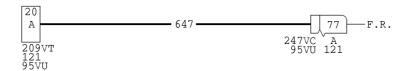
10_DD_211170_3_120MM_01_00

Figure 5, Sheet 2
Config. 03: Modification of Wiring in 95VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

AFTER



---- NEW WIRE

F.R. FOR REFERENCE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 3154 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

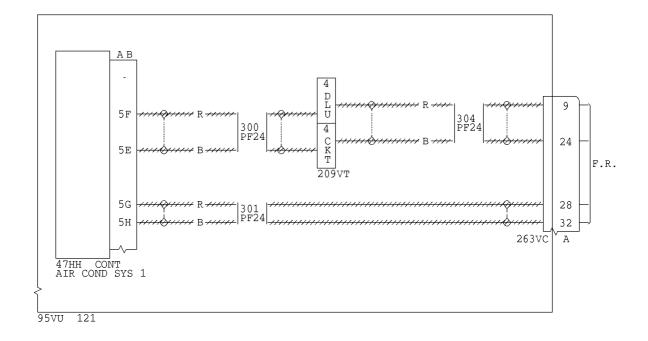
N_SB_211176_5_AOWW_01_00

Figure 5, Sheet 3
Config. 03: Modification of Wiring in 95VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

BEFORE



F.R. FOR REFERENCE

///// WIRE TO BE DELETED

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151
UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE
UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

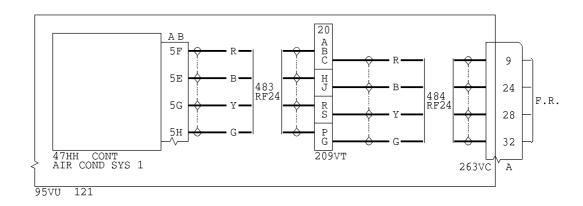
N_SB_211176_5_AKWW_01_00

Figure 6, Sheet 1
Config. 04: Modification of Wiring in 95VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

AFTER



----- NEW WIRE F.R. FOR REFERENCE

NOTE : UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151
UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24
UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

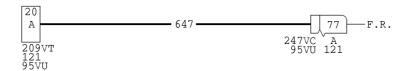
N_SB_211176_5_AJWW_01_00

Figure 6, Sheet 2 Config. 04: Modification of Wiring in 95VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

AFTER



---- NEW WIRE

F.R. FOR REFERENCE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 3154 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

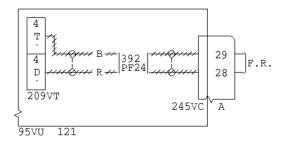
N_SB_211176_5_AOWW_01_00

Figure 6, Sheet 3
Config. 04: Modification of Wiring in 95VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

AFTER



F.R. FOR REFERENCE

////// DELETED WIRE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 2M

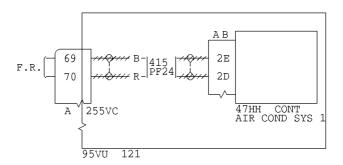
N_SB_211176_5_ADWW_01_00

Figure 6, Sheet 4
Config. 04: Modification of Wiring in 95VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

AFTER



HHHH DELETED WIRE F.R. FOR REFERENCE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

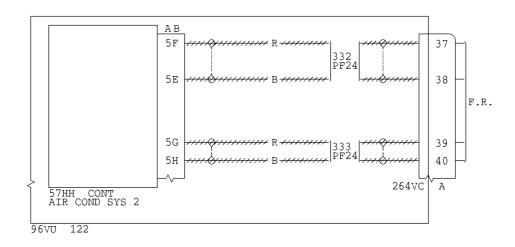
N_SB_211176_5_ATWW_01_00

Figure 6, Sheet 5
Config. 04: Modification of Wiring in 95VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

BEFORE



F.R. FOR REFERENCE

****** WIRE TO BE DELETED

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151
UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24
UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 2M

N_SB_211176_5_AFWW_01_00

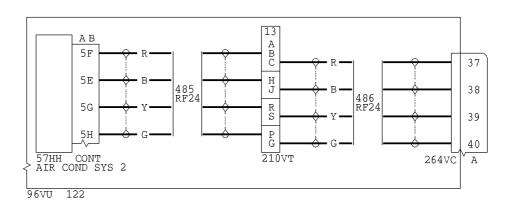
Figure 7, Sheet 1

Config. 01: Modification of Wiring in 96VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

AFTER



---- NEW WIRE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 2M

N_SB_211176_5_AEWW_01_00

Figure 7, Sheet 2 Config. 01: Modification of Wiring in 96VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

AFTER



----- NEW WIRE F.R. FOR REFERENCE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 3154 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

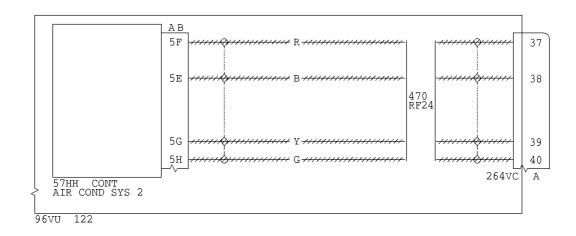
N_SB_211176_5_ARWW_01_00

Figure 7, Sheet 3
Config. 01: Modification of Wiring in 96VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

BEFORE



////// DELETED WIRE

NOTE : UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 2M

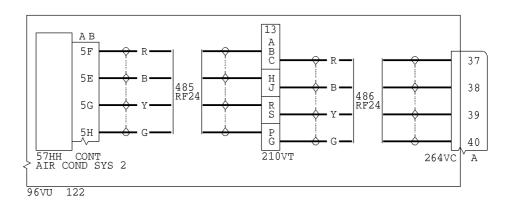
N_SB_211176_5_AGWW_01_00

Figure 8, Sheet 1 Config. 02: Modification of Wiring in 96VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

AFTER



---- NEW WIRE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 2M

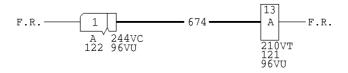
N_SB_211176_5_AEWW_01_00

Figure 8, Sheet 2 Config. 02: Modification of Wiring in 96VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

AFTER



----- NEW WIRE F.R. FOR REFERENCE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 3154 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

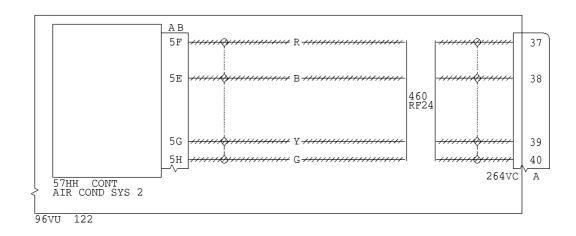
N_SB_211176_5_ARWW_01_00

Figure 8, Sheet 3
Config. 02: Modification of Wiring in 96VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

BEFORE



////// DELETED WIRE

NOTE : UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 2M

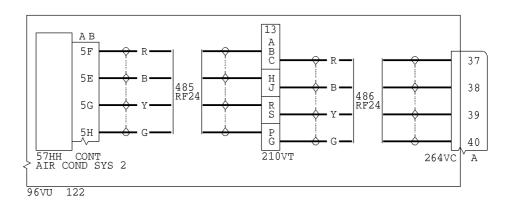
N_SB_211176_5_AHWW_01_00

Figure 9, Sheet 1 Config. 03: Modification of Wiring in 96VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

AFTER



---- NEW WIRE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 2M

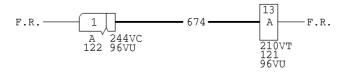
N_SB_211176_5_AEWW_01_00

Figure 9, Sheet 2 Config. 03: Modification of Wiring in 96VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

AFTER



----- NEW WIRE F.R. FOR REFERENCE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 3154 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

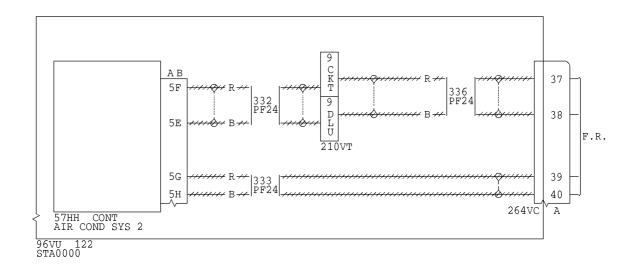
N_SB_211176_5_ARWW_01_00

Figure 9, Sheet 3
Config. 03: Modification of Wiring in 96VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

BEFORE



++++++ DELETED WIRE F.R. FOR REFERENCE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151
UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE
UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 2M

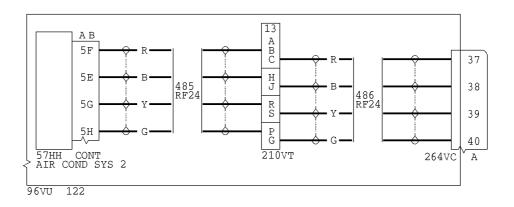
N_SB_211176_5_AIWW_01_00

Figure 10, Sheet 1 Config. 04: Modification of Wiring in 96VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

AFTER



---- NEW WIRE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 2M

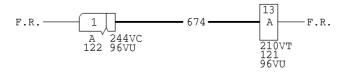
N_SB_211176_5_AEWW_01_00

Figure 10, Sheet 2 Config. 04: Modification of Wiring in 96VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

AFTER



----- NEW WIRE F.R. FOR REFERENCE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 3154 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

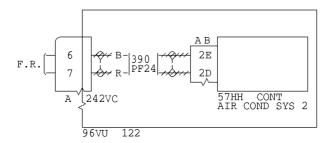
N_SB_211176_5_ARWW_01_00

Figure 10, Sheet 3 Config. 04: Modification of Wiring in 96VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

AFTER



******* WIRE TO BE DELETED

F.R. FOR REFERENCE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

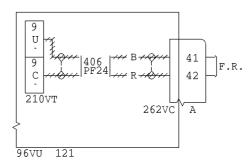
N_SB_211176_5_AVWW_01_00

Figure 10, Sheet 4
Config. 04: Modification of Wiring in 96VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

AFTER



///// DELETED WIRE

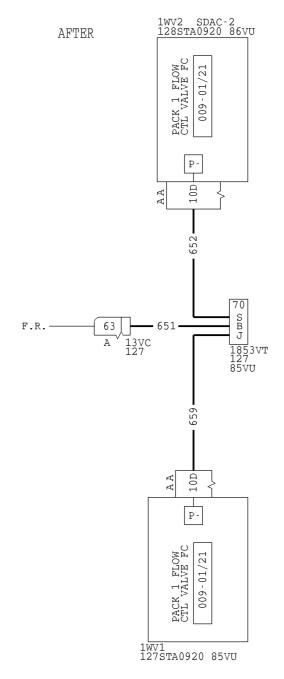
NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

N_SB_211176_5_ACWW_01_00

Figure 10, Sheet 5 Config. 04: Modification of Wiring in 96VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN



NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 3154 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

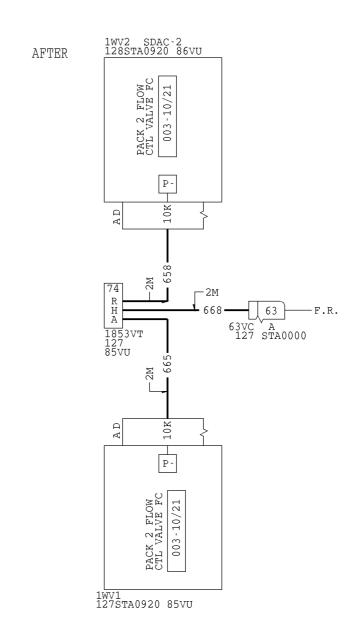
- NEW WIRE

N_SB_211176_5_AAWW_01_00

Figure 11, Sheet 1 Config. 01 thru 04: Modification of Wiring in 80VU

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN



----- NEW WIRE F.R. FOR REFERENCE

NOTE : UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 3154
UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24
UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

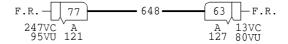
N_SB_211176_5_ABWW_01_00

Figure 11, Sheet 2 Config. 01 thru 04: Modification of Wiring in 80VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

AFTER



----- NEW WIRE F.R. FOR REFERENCE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 3154 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

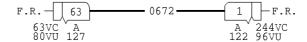
N_SB_211176_5_APWW_01_00

Figure 12, Sheet 1 Config. 01 thru 04: Modification of Wiring in Avionics Compartment

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

AFTER



- NEW WIRE F.R. FOR REFERENCE

NOTE : UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 3154 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 2M

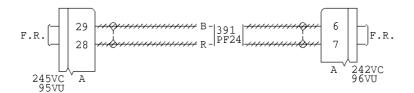
N_SB_211176_5_AQWW_01_00

Figure 12, Sheet 2 Config. 01 thru 04: Modification of Wiring in Avionics Compartment

DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

SERVICE BULLETIN

AFTER



++++++ DELETED WIRE

F.R. FOR REFERENCE

NOTE: UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151 UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24 GAUGE UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

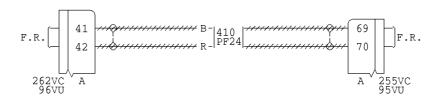
N_SB_211176_5_AUWW_01_00

Figure 13, Sheet 1
Config. 04: Modification of Wiring between 95VU and 96VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

AFTER



++++++ DELETED WIRE F.R. FOR REFERENCE

NOTE : UNLESS OTHERWISE SPECIFIED PREFIX ALL WIRE IDENTIFICATION WITH ATA 2151
UNLESS OTHERWISE SPECIFIED ALL WIRES ARE CF24
UNLESS OTHERWISE SPECIFIED ALL ROUTES ARE 1M

N_SB_211176_5_ASWW_01_00

Figure 13, Sheet 2
Config. 04: Modification of Wiring between 95VU and 96VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

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n	Zone or				Wire				Len	ght	Zone or				Instructions
е	Panel	Elec.Ident.	Term	Terminal P/N	Ident.	Со	Rte	Gauge	mm	Inch	Panel	Elec.Ident.	Term	Terminal P/N	
1	95VU	47HH-AB	5E		2151-0300	В		PF24			95VU	263VC	24		D
2	95VU	47HH-AB	5F		2151-0300	R		PF24			95VU	263VC	9		D
3	95VU	47HH-AB	5H		2151-0301	В		PF24			95VU	263VC	32		D
4	95VU	47HH-AB	5G		2151-0301	R		PF24			95 V U	263VC	28		D
5															
6															
7															
8	95VU	209VT	20H	EN3155-016M2222	2151-0483	В		RF24	2100	84	95VU	47HH-AB	5E	E0170FA2200	(c) A
9	95VU	209VT	20P	EN3155-016M2222	2151-0483	G		RF24	2100	84	95VU	47HH-AB	5н	E0170FA2200	(c) A
10	95VU	209VT	20B	EN3155-016M2222	2151-0483	R		RF24	2100	84	95VU	47HH-AB	5F	E0170FA2200	(c) A
11	95VU	209VT	20R	EN3155-016M2222	2151-0483	Y		RF24	2100	84	95VU	47HH-AB	5G	E0170FA2200	(c) A
12	95VU	209VT	20J	EN3155-016M2222	2151-0484	В		RF24	1400	56	95VU	263VC	24	EN3155-008M2222	(c) A
13	95VU	209VT	20G	EN3155-016M2222	2151-0484	G		RF24	1400	56	95VU	263VC	32	EN3155-008M2222	(c) A
14	95VU	209VT	20C	EN3155-016M2222	2151-0484	R		RF24	1400	56	95 V U	263VC	9	EN3155-008M2222	(c) A
15	95VU	209VT	20S	EN3155-016M2222	2151-0484	Y		RF24	1400	56	95 V U	263VC	28	EN3155-008M2222	(c) A
16	95VU	209VT	20A	EN3155-016M2222	3154-0647			CF24	1500	60	95VU	247VC	77	EN3155-008M2222	(c) A
17															
18															
19															
20															
21															
22															
23															
24															
25															

(c) = BUNDLE D9000095022795

A = ADDED WIRE D = DELETED WIRE

> Figure 14, Sheet 1 Config. 01: Hook-up Chart 95VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

L i		END1	l				LEA	AD				END2)		
n	Zone or				Wire				Len	ght	Zone or				Instructions
е	Panel	Elec.Ident.	Term	Terminal P/N	Ident.	Со	Rte	Gauge	mm	Inch	Panel	Elec.Ident.	Term	Terminal P/N	
1	95VU	47HH-AB	5E		2151-0473	В		RF24			95VU	263VC	24		D
2	95VU	47HH-AB	5H		2151-0473	G		RF24			95VU	263VC	32		D
3	95VU	47HH-AB	5F		2151-0473	R		RF24			95VU	263VC	9		D
4	95VU	47HH-AB	5G		2151-0473	Y		RF24			95 V U	263VC	28		D
5															
6															
7															
8	95VU	209VT	20H	EN3155-016M2222	2151-0483	В		RF24	2100	84	95VU	47HH-AB	5E	E0170FA2200	(c) A
9	95VU	209VT	20P	EN3155-016M2222	2151-0483	G		RF24	2100	84	95VU	47HH-AB	5н	E0170FA2200	(c) A
10	95VU	209VT	20B	EN3155-016M2222	2151-0483	R		RF24	2100	84	95VU	47HH-AB	5F	E0170FA2200	(c) A
11	95VU	209VT	20R	EN3155-016M2222	2151-0483	Y		RF24	2100	84	95VU	47HH-AB	5G	E0170FA2200	(c) A
12	95VU	209VT	20J	EN3155-016M2222	2151-0484	В		RF24	1400	56	95VU	263VC	24	EN3155-008M2222	(c) A
13	95VU	209VT	20G	EN3155-016M2222	2151-0484	G		RF24	1400	56	95VU	263VC	32	EN3155-008M2222	(c) A
14	95VU	209VT	20C	EN3155-016M2222	2151-0484	R		RF24	1400	56	95 V U	263VC	9	EN3155-008M2222	(c) A
15	95VU	209VT	20S	EN3155-016M2222	2151-0484	Y		RF24	1400	56	95VU	263VC	28	EN3155-008M2222	(c) A
16	95VU	209VT	20A	EN3155-016M2222	3154-0647			CF24	1500	60	95VU	247VC	77	EN3155-008M2222	(c) A
17															
18															
19															
20															
21															
22															
23															
24															
25															

(c) = BUNDLE D9000095022795

A = ADDED WIRE
D = DELETED WIRE

Figure 15, Sheet 1 Config. 02: Hook-up Chart 95VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

L i		END	1				LEA	AD				END2	2	
n	Zone or				Wire				Len	ght	Zone or			Instructions
е	Panel	Elec.Ident.	Term	Terminal P/N	Ident.	Co	Rte	Gauge	mm	Inch	Panel	Elec.Ident.	Term Terminal P/N	
1	95VU	47HH-AB	5E		2151-0461	В		RF24			95VU	263VC	24	D
2	95VU	47HH-AB	5H		2151-0461	G		RF24			95VU	263VC	32	D
3	95VU	47HH-AB	5F		2151-0461	R		RF24			95VU	263VC	9	D
4	95VU	47HH-AB	5G		2151-0461	Y		RF24			95VU	263VC	28	D
5														
6														
7														
8	95VU	209VT	20H	EN3155-016M2222	2151-0483	В		RF24	2100	84	95VU	47HH-AB	5E E0170FA2200	(c) A
9	95VU	209VT	20P	EN3155-016M2222	2151-0483	G		RF24	2100	84	95 V U	47HH-AB	5H E0170FA2200	(c) A
LO	95VU	209VT	20B	EN3155-016M2222	2151-0483	R		RF24	2100	84	95VU	47HH-AB	5F E0170FA2200	(c) A
L1	95VU	209VT	20R	EN3155-016M2222	2151-0483	Y		RF24	2100	84	95VU	47HH-AB	5G E0170FA2200	(c) A
12	95VU	209VT	20Ј	EN3155-016M2222	2151-0484	В		RF24	1400	56	95VU	263VC	24 EN3155-008M2222	(c) A
13	95VU	209VT	20G	EN3155-016M2222	2151-0484	G		RF24	1400	56	95VU	263VC	32 EN3155-008M2222	(c) A
L4	95VU	209VT	20C	EN3155-016M2222	2151-0484	R		RF24	1400	56	95 V U	263VC	9 EN3155-008M2222	(c) A
15	95VU	209VT	20S	EN3155-016M2222	2151-0484	Y		RF24	1400	56	95VU	263VC	28 EN3155-008M2222	(c) A
L6	95VU	209VT	20A	EN3155-016M2222	3154-0647			CF24	1500	60	95VU	247VC	77 EN3155-008M2222	(c) A
.7														
.8														
L9														
20														
21														
22														
23														
24														
25														

(c) = BUNDLE D9000095022795

A = ADDED WIRE
D = DELETED WIRE

Figure 16, Sheet 1 Config. 03: Hook-up Chart 95VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

L i		END.	1				LEA	D				END2	2		
n	Zone or				Wire				Len	ght	Zone or				Instructions
е	Panel	Elec.Ident.	Term	Terminal P/N	Ident.	Co	Rte	Gauge	mm	Inch	Panel	Elec.Ident.	Term	Terminal P/N	
1	95VU	47HH-AB	5E		2151-0300	В		PF24			95VU	209VT	4K		D
2	95VU	47HH-AB	5F		2151-0300	R		PF24			95VU	209VT	4U		D
3	95VU	47HH-AB	5H		2151-0301	В		PF24			95VU	263VC	32		D
4	95VU	47HH-AB	5G		2151-0301	R		PF24			95VU	263VC	28		D
5	95VU	47HH-AB	2E		2151-0415	В		PF24			95VU	255VC	69		D
6	95VU	47HH-AB	2D		2151-0415	R		PF24			95VU	255VC	70		D
7	95VU	209VT	4C		2151-0304	В		PF24			95VU	263VC	24		D
8	95VU	209VT	4L		2151-0304	R		PF24			95VU	263VC	9		D
9	95VU	209VT	4T		2151-0392	В		PF24			95 V U	245VC	29		D
10	95VU	209VT	4D		2151-0392	R		PF24			95VU	245VC	28		D
11															
12															
13															
14	95VU	209VT	20H	EN3155-016M2222	2151-0483	В		RF24	2100	84	95 V U	47HH-AB	5E 1	E0170FA2200	(c) A
15	95VU	209VT	20P	EN3155-016M2222	2151-0483	G		RF24	2100	84	95VU	47HH-AB	5H 1	E0170FA2200	(c) A
16	95VU	209VT	20B	EN3155-016M2222	2151-0483	R		RF24	2100	84	95VU	47HH-AB	5F 1	E0170FA2200	(c) A
17	95VU	209VT	20R	EN3155-016M2222	2151-0483	Y		RF24	2100	84	95 V U	47HH-AB	5G 1	E0170FA2200	(c) A
18	95VU	209VT	20J	EN3155-016M2222	2151-0484	В		RF24	1400	56	95VU	263VC	24	EN3155-008M2222	(c) A
19	95VU	209VT	20G	EN3155-016M2222	2151-0484	G		RF24	1400	56	95VU	263VC	32	EN3155-008M2222	(c) A
20	95VU	209VT	20C	EN3155-016M2222	2151-0484	R		RF24	1400	56	95 V U	263VC	9 1	EN3155-008M2222	(c) A
21	95VU	209VT	205	EN3155-016M2222	2151-0484	Y		RF24	1400	56	95 V U	263VC	28	EN3155-008M2222	(c) A
22	95VU	209VT	20A	EN3155-016M2222	3154-0647			CF24	1500	60	95VU	247VC	77	EN3155-008M2222	(c) A
23															
24															
25															

(c) = BUNDLE D9000095022795

A = ADDED WIRE D = DELETED WIRE

> Figure 17, Sheet 1 Config. 04: Hook-up Chart 95VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

L i		END1	L				LEA	D				END2	2		
n	Zone or				Wire				Leng	ght	Zone or				Instructions
е	Panel	Elec.Ident.	Term	Terminal P/N	Ident.	Co	Rte	Gauge	mm	Inch	Panel	Elec.Ident.	Term	Terminal P/N	
1	96VU	57HH-AB	5E		2151-0332	В		PF24			96VU	264VC	38		D
2	96VU	57HH-AB	5F		2151-0332	R		PF24			96VU	264VC	37		D
3	96VU	57HH-AB	5H		2151-0333	В		PF24			96VU	264VC	40		D
4	96VU	57HH-AB	5G		2151-0333	R		PF24			96 V U	264VC	39		D
5															
6															
7															
8	96VU	210VT	13H	EN3155-016M2222	2151-0485	В		RF24	1930	77	96VU	57HH-AB	5E	E0170FA2200	(b) A
9	96VU	210VT	13P	EN3155-016M2222	2151-0485	G		RF24	1930	77	96 V U	57HH-AB	5н	E0170FA2200	(b) A
LO	96VU	210VT	13B	EN3155-016M2222	2151-0485	R		RF24	1930	77	96VU	57HH-AB	5F	E0170FA2200	(b) A
l1	96VU	210VT	13R	EN3155-016M2222	2151-0485	Y		RF24	1930	77	96VU	57HH-AB	5G	E0170FA2200	(b) A
12	96VU	210VT	13Ј	EN3155-016M2222	2151-0486	В		RF24	1320	52	96VU	264VC	38	EN3155-008M2222	(b) A
13	96VU	210VT	13G	EN3155-016M2222	2151-0486	G		RF24	1320	52	96VU	264VC	40	EN3155-008M2222	(b) A
14	96VU	210VT	13C	EN3155-016M2222	2151-0486	R		RF24	1320	52	96 V U	264VC	37	EN3155-008M2222	(b) A
15	96VU	210VT	135	EN3155-016M2222	2151-0486	Y		RF24	1320	52	96 V U	264VC	39	EN3155-008M2222	(b) A
16	96VU	210VT	13A	EN3155-016M2222	3154-0674			CF24	1400	56	96VU	244VC	1	EN3155-008M2222	(b) A
17															
18															
19															
20															
21															
22															
23															
24															
25															

(b) = BUNDLE D9000095022695

A = ADDED WIRE D = DELETED WIRE

> Figure 18, Sheet 1 Config. 01: Hook-up Chart 96VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

L i		END1	L				LEA	AD				END2	2		
n	Zone or				Wire				Len	ght	Zone or				Instructions
е	Panel	Elec.Ident.	Term	Terminal P/N	Ident.	Co	Rte	Gauge	mm	Inch	Panel	Elec.Ident.	Term	Terminal P/N	
1	96VU	57HH-AB	5E		2151-0470	В		RF24			96VU	264VC	38		D
2	96VU	57HH-AB	5H		2151-0470	G		RF24			96VU	264VC	40		D
3	96VU	57нн-АВ	5F		2151-0470	R		RF24			96VU	264VC	37		D
4	96VU	57HH-AB	5G		2151-0470	Y		RF24			96VU	264VC	39		D
5															
6															
7															
8	96VU	210VT	13H	EN3155-016M2222	2151-0485	В		RF24	1930	77	96VU	57HH-AB	5E	E0170FA2200	(b) A
9	96VU	210VT	13P	EN3155-016M2222	2151-0485	G		RF24	1930	77	96 V U	57HH-AB	5н	E0170FA2200	(b) A
10	96VU	210VT	13B	EN3155-016M2222	2151-0485	R		RF24	1930	77	96VU	57HH-AB	5F	E0170FA2200	(b) A
11	96VU	210VT	13R	EN3155-016M2222	2151-0485	Y		RF24	1930	77	96VU	57HH-AB	5G	E0170FA2200	(b) A
12	96VU	210VT	13Ј	EN3155-016M2222	2151-0486	В		RF24	1320	52	96VU	264VC	38	EN3155-008M2222	(b) A
13	96VU	210VT	13G	EN3155-016M2222	2151-0486	G		RF24	1320	52	96VU	264VC	40	EN3155-008M2222	(b) A
14	96VU	210VT	13C	EN3155-016M2222	2151-0486	R		RF24	1320	52	96 V U	264VC	37	EN3155-008M2222	(b) A
15	96VU	210VT	135	EN3155-016M2222	2151-0486	Y		RF24	1320	52	96 V U	264VC	39	EN3155-008M2222	(b) A
16	96VU	210VT	13A	EN3155-016M2222	3154-0674			CF24	1400	56	96VU	244VC	1	EN3155-008M2222	(b) A
17															
18															
19															
20															
21															
22															
23															
24															
25															

(b) = BUNDLE D9000095022695

A = ADDED WIRE D = DELETED WIRE

> Figure 19, Sheet 1 Config. 02: Hook-up Chart 96VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

Li		END:	l				LEA	AD				END2	2		
n	Zone or				Wire				Len	ght	Zone or				Instructions
е	Panel	Elec.Ident.	Term	Terminal P/N	Ident.	Со	Rte	Gauge	mm	Inch	Panel	Elec.Ident.	Term	Terminal P/N	
1	96VU	57HH-AB	5E		2151-0460	В		RF24			96VU	264VC	38		D
2	96VU	57HH-AB	5H		2151-0460	G		RF24			96VU	264VC	40		D
3	96VU	57нн-АВ	5F		2151-0460	R		RF24			96VU	264VC	37		D
4	96VU	57HH-AB	5G		2151-0460	Y		RF24			96 V U	264VC	39		D
5															
6															
7															
8	96VU	210VT	13H	EN3155-016M2222	2151-0485	В		RF24	1930	77	96VU	57HH-AB	5E	E0170FA2200	(b) A
9	96VU	210VT	13P	EN3155-016M2222	2151-0485	G		RF24	1930	77	96 V U	57HH-AB	5H	E0170FA2200	(b) A
10	96VU	210VT	13B	EN3155-016M2222	2151-0485	R		RF24	1930	77	96VU	57HH-AB	5F	E0170FA2200	(b) A
11	96VU	210VT	13R	EN3155-016M2222	2151-0485	Y		RF24	1930	77	96VU	57HH-AB	5G	E0170FA2200	(b) A
12	96VU	210VT	13J	EN3155-016M2222	2151-0486	В		RF24	1320	52	96VU	264VC	38	EN3155-008M2222	(b) A
13	96VU	210VT	13G	EN3155-016M2222	2151-0486	G		RF24	1320	52	96VU	264VC	40	EN3155-008M2222	(b) A
14	96VU	210VT	13C	EN3155-016M2222	2151-0486	R		RF24	1320	52	96 V U	264VC	37	EN3155-008M2222	(b) A
15	96VU	210VT	13S	EN3155-016M2222	2151-0486	Y		RF24	1320	52	96VU	264VC	39	EN3155-008M2222	(b) A
16	96VU	210VT	13A	EN3155-016M2222	3154-0674			CF24	1400	56	96VU	244VC	1	EN3155-008M2222	(b) A
17															
18															
19															
20															
21															
22															
23															
24															
25															

(b) = BUNDLE D9000095022695

A = ADDED WIRE D = DELETED WIRE

> Figure 20, Sheet 1 Config. 03: Hook-up Chart 96VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

L i		END1					LEA	AD				END2	2		
n	Zone or				Wire				Leng	ght	Zone or				Instructions
е	Panel	Elec.Ident.	Term	Terminal P/N	Ident.	Co	Rte	Gauge	mm	Inch	Panel	Elec.Ident.	Term	Terminal P/N	
1	96VU	57HH-AB	5E		2151-0332	В		PF24			96VU	210VT	91		D
2	96VU	57HH-AB	5F		2151-0332	R		PF24			96VU	210VT	9т		D
3	96VU	57HH-AB	5Н		2151-0333	В		PF24			96 V U	264VC	40		D
4	96VU	57HH-AB	5G		2151-0333	R		PF24			96 V U	264VC	39		D
5	96VU	57HH-AB	2E		2151-0390	В		PF24			96VU	242VC	6		D
6	96VU	57HH-AB	2D		2151-0390	R		PF24			96VU	242VC	7		D
7	96VU	210VT	9D		2151-0336	В		PF24			96VU	264VC	38		D
8	96VU	210VT	9K		2151-0336	R		PF24			96VU	264VC	37		D
9	96VU	210VT	90		2151-0406	В		PF24			96 V U	262VC	41		D
10	96VU	210VT	9C		2151-0406	R		PF24			96VU	262VC	42		D
11															
12															
13															
14	96VU	210VT	13H	EN3155-016M2222	2151-0485	В		RF24	1930	77	96 V U	57HH-AB	5E	E0170FA2200	(b) A
15	96VU	210VT	13P	EN3155-016M2222	2151-0485	G		RF24	1930	77	96VU	57HH-AB	5н	E0170FA2200	(b) A
16	96VU	210VT	13B	EN3155-016M2222	2151-0485	R		RF24	1930	77	96VU	57HH-AB	5F	E0170FA2200	(b) A
17	96VU	210VT	13R	EN3155-016M2222	2151-0485	Y		RF24	1930	77	96VU	57HH-AB	5G	E0170FA2200	(b) A
18	96VU	210VT	13J	EN3155-016M2222	2151-0486	В		RF24	1320	52	96VU	264VC	38	EN3155-008M2222	(b) A
19	96VU	210VT	13G	EN3155-016M2222	2151-0486	G		RF24	1320	52	96VU	264VC	40	EN3155-008M2222	(b) A
20	96VU	210VT	13C	EN3155-016M2222	2151-0486	R		RF24	1320	52	96 V U	264VC	37	EN3155-008M2222	(b) A
21	96VU	210VT	135	EN3155-016M2222	2151-0486	Y		RF24	1320	52	96 V U	264VC	39	EN3155-008M2222	(b) A
22	96VU	210VT	13A	EN3155-016M2222	3154-0674			CF24	1400	56	96VU	244VC	1	EN3155-008M2222	(b) A
23															
24															
25															

(b) = BUNDLE D9000095022695

A = ADDED WIRE
D = DELETED WIRE

Figure 21, Sheet 1 Config. 04: Hook-up Chart 96VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

L		END1					LEA	D				END2			
n	Zone or				Wire				Leng	ght	Zone or				Instructions
е	Panel	Elec.Ident.	Term	Terminal P/N	Ident.	Со	Rte	Gauge	mm	Inch	Panel	Elec.Ident.	Term	Terminal P/N	
1	85VU	1853VT	70J	EN3155-016M2222	3154-0659		1M	CF24	1400	56	85VU	1WV1-AA	10D	E0170FA2200	(a) A
2	85VU	1853VT	74A	EN3155-016M2222	3154-0665		2M	CF24	1330	53	85VU	1WV1-AD	10K	E0170FA2200	(a) A
3	85VU	1853VT	70B	EN3155-016M2222	3154-0651		1M	CF24	3300	132	127	13VC	63	EN3155-008M2222	(a) A
4	85VU	1853VT	70S	EN3155-016M2222	3154-0652		1M	CF24	1800	72	86VU	1WV2-AA	10D	E0170FA2200	(a) A
5	85VU	1853VT	74R	EN3155-016M2222	3154-0658		2M	CF24	1720	68	86VU	1WV2-AD	10K	E0170FA2200	(a) A
6	85VU	1853VT	74H	EN3155-016M2222	3154-0668		2M	CF24	3900	156	127	63VC	63	EN3155-008M2222	(a) A
7															
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2.5															

(a) = BUNDLE D9000095022595

A = ADDED WIRE

Figure 22, Sheet 1 Config. 01 thru 04: Hook-up Chart 80VU

DATE : May 09/08 SERVICE BULLETIN No. : A320-21-1176

SERVICE BULLETIN

	END:	1				LEA	AD				END2	2		
Zone or				Wire				Leng	ght	Zone or				Instruction
Panel	Elec.Ident.	Term	Terminal P/N	Ident.	Со	Rte	Gauge	mm	Inch	Panel	Elec.Ident.	Term	Terminal P/N	
80VU	13VC-A	63	EN3155-003F2222	3154-0648		1M	CF24	12000	480	95VU	247VC-A	77	EN3155-003F2222	(d) A
80VU	63VC - A	63	EN3155-003F2222	3154-0672		2M	CF24	14770	590	96VU	244VC-A	1	EN3155-003F2222	(d) A

(d) = BUNDLE D9000095022895

A = ADDED WIRE

Figure 23, Sheet 1
Config. 01 thru 04: Hook-up chart avionics compartment

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SERVICE BULLETIN

L		END:	L				LEA	D				END2	2		
n	Zone or				Wire				Leng	ght	Zone or				Instructions
е	Panel	Elec.Ident.	Term	Terminal P/N	Ident.	Co	Rte	Gauge	mm	Inch	Panel	Elec.Ident.	Term	Terminal P/N	
1	95VU	245VC-A	29		2151-0391	В	1M	PF24			96VU	242VC-A	6		D
2	95VU	245VC-A	28		2151-0391	R	1M	PF24			96VU	242VC-A	7		D
3	95VU	255VC-A	69		2151-0410	В	1M	PF24			96 V U	262VC-A	41		D
4	95VU	255VC-A	70		2151-0410	R	1M	PF24			96 V U	262VC-A	42		D
5															
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25	- DELE														

D = DELETED WIRE

Figure 24, Sheet 1
Config. 04: Hook-up Chart between 95VU and 96VU

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TITLE: AIR CONDITIONING - FLOW CONTROL AND INDICATING - REINTRODUCE WIRING BETWEEN FCV AND SDAC

MODIFICATION No.: 38700K11773

Please complete the appropriate item (A or B):
A - SB <u>WILL BE</u> embodied
B - SB <u>HAS BEEN</u> embodied on aircraft:
Operator comments:
From Airline:
Name/Title:
Signature: Date:
If operational documentation is affected (see Paragraph 1.K of this SB): If information is needed prior to next normal revision or prior to SB embodiment, please indicate required service(s): Either : Advance data
. intermediate/ remperary revision

<u>Important Information:</u> This SB will only be incorporated in your maintenance and operational documentation if this sheet is returned to Airbus and signed by a duly authorised representative. With the next feasible revision, this will result in

- updating of maintenance documentation to show pre and post SB data.
- updating of maintenance and operational documentation to show post SB data after embodiment.

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DATE: May 09/08 SERVICE BULLETIN No.: A320-21-1176

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MODIFICATION No.: 38700K11773

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-Quality rating of the Accomplishment Instructions	4	3	2	1
-Quality rating of the Illustrations	4	3	2	1
-Is this SB easy to understand?	Y	/ N		

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X Reason	X List of Materials	X Mod/Inspection	
X Manpower	Operator Supplied	X Test	
X References	X Re-identification	X Close-up	
X Publication	X Tooling	X Illustrations	

Comments:

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