

**Subject:** Aileron Mass Balance

**Effectivity:** Sailplane LS3-a, all serial numbers except 3260, 3273, 3430, 3446, 3460, 3463, 3465, 3467, 3468.

**Accomplishment:** Optional

**Reason:** Improvement of flight characteristics to gust sensitivity by means of installation of LS3-17 aileron mass balance.

**Instructions:** Installation of LS3-17 mass balance according to drawing 3028-2 and instruction 3028-3. Exchange page 5-2 of Maintenance Manual against Edition 1.5.81.  
Page 6-2 (LS3-a elevator system) for the following S/N:  
3060, 3067, 3068, 3071, 3075-77, 3084, 3095, 3097, 3098, 3101, 3107, 3109, 3110, 3112, 3114, 3116, 3118, 3121, 3125, 3127, 3128, 3130, 3134, 3137, 3140, 3142-45, 3147-49, 3151, 3153, 3155, 3156, 3158, 3160-63, 3165-67, 3169-71, 3174, 3175, 3177, 3178, 3181, 3182, 3185, 3188, 3191, 3192, 3200-3202, 3204-3207, 3218-20, 3227-29, 3232-35, 3238-43, 3249, 3256, 3258, 3259, 3261, 3262, 3274, 3280-84, 3286, 3287, 3296, 3301, 3303-3305, 3310, 3314, 3315, 3318, 3324-28, 3332, 3339, 3341-43, 3345, 3349-51, 3353-55, 3359-61, 3373, 3375, 3377-80, 3398, 3401, 3404  
Page 6-2 (LS3-17 elevator system) for all other LS3-a's.

**Weight and Balance:** Check as outlined in instructions

**Remarks:** Modification at the manufacturer or at approved repair stations.  
Materials and Instruction may be obtained from manufacturer, when stating serial number.  
Accomplishment should be entered in logbook and signed by inspector.