

Technical Instruction No. 14.
Introduction of Mod 97.
Introduction of Modification for attaching shoulder harness.

This modification is introduced to provide extra support for the pilot against vertical movement.

The modification has been made mandatory by the British Gliding Association and certificates of Airworthiness will not be renewed on the following aircraft after 1st March 1963 unless the modification is incorporated.

The following aircraft are affected:-

All Skylarks 2B, not fitted with Mods 26 and 55.

All Skylarks A.B.C.D. Not fitted with Mod 55.

(Mod 26, Introduction of Canvas Seat Back).

(Mod 55, Introduction of Canvas Seat Back by retrospective conversion).

Skylark 2.

<u>Works No.</u>	<u>B.G.A. No.</u>	<u>Mark No.</u>
1194		
1146		
1137	862	
1135	845	
1128	827	
1113	822	
1112	826	
1108	814	
1104	810	
1099	784	
1081	779	
1075	774	
1073	778	
1071		
1070		
1069	A.R.B.	
1068		
1065		
1064	A.R.B.	
1049	A.R.B.	
1048	759	
1044	764	
1017	A.R.B.	
1010	-	
1000 to 1009	A.R.B.	
999	A.R.B.	
997	724	
996	A.R.B.	
995	A.R.B.	
964	-	

Skylark 3.

<u>Works No.</u>	<u>B.G.A. No.</u>	<u>Mark No.</u>
1014	735	A
1027	739	A
1028	738	A
1029	736	A
1030	742	A
1032	-	C
1033	-	C
1045	743	A
1050	760	B
1054	756	A
1058	761	B
1066	763	B
1072	762	B
1082	-	D
1092	-	D
1093	-	B
1097	783	B
1101	806	B

Skylark 3.

<u>Works No.</u>	<u>B.G.A. No.</u>	<u>Mark No.</u>
1111	813	B
1125	840	B
1126	823	B
1134	844	B
1139	861	B
1140	864	B
1144	867	B
1147	871	B
1195	870	B
1196	-	B
1201	-	B

Modification Procedure

1. Remove the parachute box.
2. Remove the paint from behind the front member of the ply deck and 20 mm behind this member on the ply deck.
3. Fix the reinforcing member. Glue to the existing member and the ply deck. Radius all sharp corners as shown on the sketch.
4. Lay the shoulder harness flat and central along the ply deck.
5. Mark the position of the harness straps, on the ply deck behind the new reinforcing member.
6. Remove the harness straps from the attachment plate.

SKYLARK 3

7. Refer to the sketch for Skylark 3 aircraft and mark out the position of the harness cutout on the ply deck. This is positioned immediately in front of the 40 x 20 spruce cross member under the decking.
8. Cut the hole to the dimension shown on the sketch.

SKYLARK 2

7. Refer to the sketch for Skylark 2 aircraft and mark out the position of the harness cutout on the ply deck.
8. Cut the hole to the dimension shown and fix the reinforcing ply.

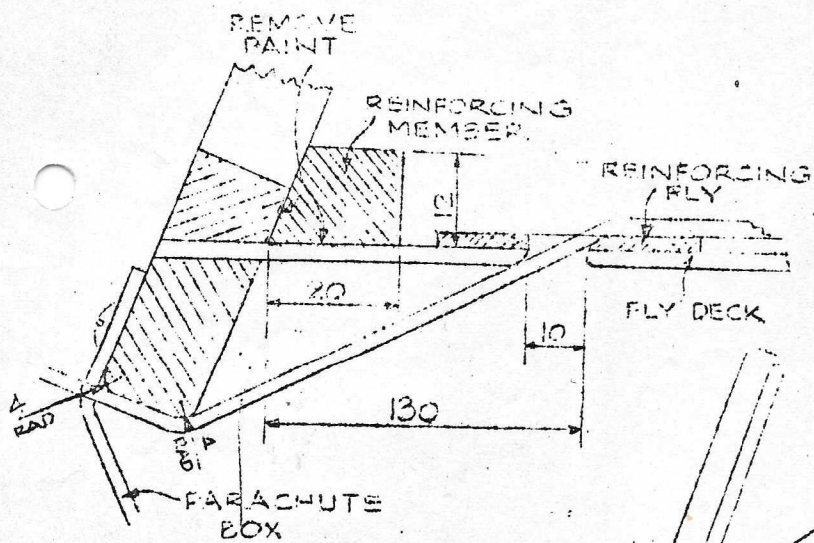
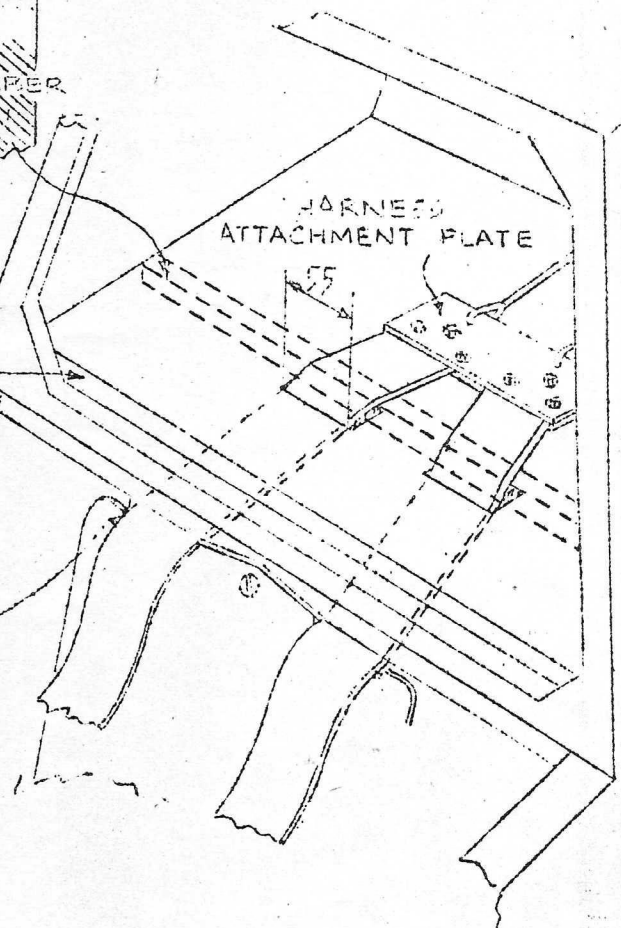
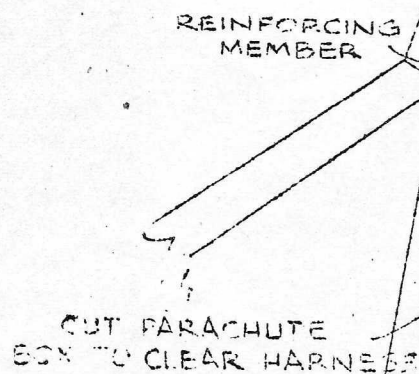
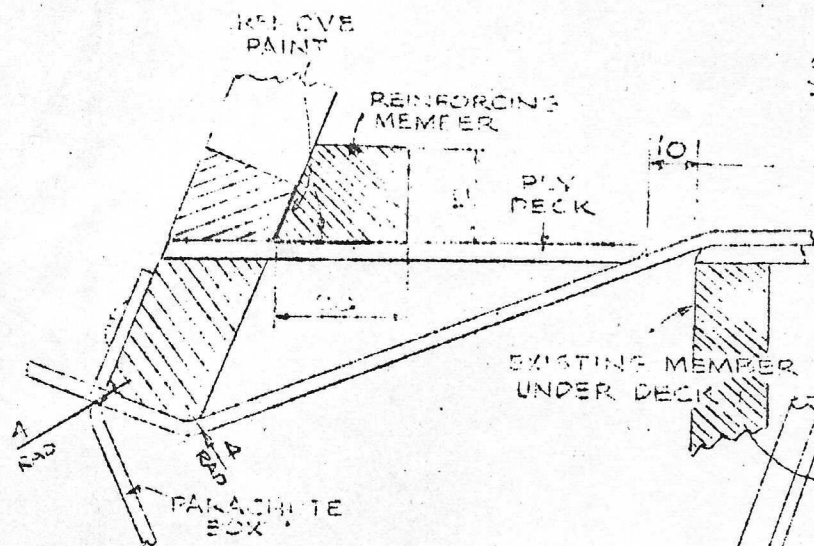
All Aircraft.

9. Thread the harness straps through the holes in the ply decking.
10. Re-fix the shoulder straps to the attachment plate.
11. Replace the Parachute Box and mark the position of the shoulder harness.
12. Cut the parachute box flange to clear the harness straps.
13. Details of the modification and the date on which it was incorporated must be noted in the aircraft Log-Book.

Material Required.

Member Spruce V37 47 x 20 x 12 1 off
Reinforcing Ply V3 80 x 35 x 2 2 off
(Obtainable from Slingsby Sailplanes Ltd. on request)

SKYLARK 3



SKYLARK 2

