



Photo by Max Ryan

The ES 60 Boomerang, Australia's entry in the Standard Class, is currently in production. The production version, of which six have been built to date, differs from the prototype in several respects:

WINGS The dive brakes have been changed to metal construction with epoxy-bonded wooden flanges.

TAIL UNIT The horizontal tail surface is now fitted with a trim tab which also acts as an anti-balance tab. Tab actuation is by push rods throughout from a control lever on the left side of the cockpit wall. Fin and rubber height has been slightly reduced.

LANDING GEAR An expanding shoe-wheel brake is now fitted as standard equipment.

ACCOMMODATION A new canopy of increased length is fitted and hinged at the side. The cockpit opening incorporates a bale-out handle.

The performance of the Boomerang, based on a "flown" K-6 best glide of 29:1, is reported to be 30.7:1 at 53 mph. The minimum sinking speed is given at 2.17 ft. at 44 mph. These figures are for a flying weight of 717 pounds and a wing loading of 5.2 lbs. sq. ft.

ner of West Germany, flying the same Phoebus he flew at South Cerney in the World Championships. Rudi's total of 5590 points out of a possible 6000 just beat the S. A. National Champion Pat Beatty who finished with 5556 points.

Fifty-two pilots flew 35 sailplanes with most sailplanes being shared by two pilots who flew on alternate days. Therefore, those pilots flying the even-numbered tasks did not compete against the other set of pilots flying tasks 1, 3, 5, etc. Each set of pilots flew six tasks with a possible score of 6000 points.

It is conservatively estimated that over 60,000 miles were flown during the competition period. Many National and one World Record were recorded together with an abundant supply of Gold badge and Diamond legs.

Tim Biggs and Bobby Clifford, who built their HP-11 from a kit in 900 hours, were very satisfied with the performance, considering no finishing or polishing has yet been attempted on the wings.

Partial results of each day's task are as follows:

TASK 1. 145-km. Triangle 12/29/65		
1. C. Brydges (S.A.)	Std. Austria	90 km/hr.
2. R. Lindner (W. Germany)	Phoebus	83.5 km/hr.
3. K. Keim (W. Germany)	Zugvogel 3B	81.0 km/hr.

TASK 2. 216-km. Out and Return 12/30/65		
1. S. H. Heiress (W. Germany)	Std. Austria	91 km/hr.
2. Y. Leeman (S. A.)	BJ-2	89.5 km/hr.
3. H. Botcher (W. Germany)	Austria SHK	83.0 km/hr.

TASK 3. 309-km. Triangle 12/31/65		
1. R. Stuhr (W. Germany)	Phoebus	99.6 km/hr.
2. P. Beatty (S. A.)	BJ-2	99.58 km/hr.
3. R. Lindner (W. Germany)	Phoebus	96.0 km/hr.

TASK 4. Pilot-Nominated Out and Return 1/2/66		
1. S. H. Heiress (W. Germany)	Std. Austria	650 km.
2. R. Clifford (S. A.)	HP-11	590 km.
3. M. Jackson (S. A.)	Std. Austria	590 km.

TASK 5. 328-km. Out and Return 1/4/66		
1. P. Beatty (S. A.)	BJ-2	107.0 km/hr.
2. Goudriaan (Netherlands)	Std. Austria	105.5 km/hr.
3. R. Lindner (W. Germany)	Phoebus	105.4 km/hr.

TASK 6. 532-km. Triangle 1/5/66		
1. Botcher (W. Germany)	Austria SHK	81.6 km/hr.
2. M. Jackson (S. A.)	Std. Austria	77.8 km/hr.
3. A. Warminger (U. K.)	Std. Austria	74.0 km/hr.

TASK 7. 138-km. Triangle 1/8/66		
1. R. Lindner (W. Germany)	Phoebus	98.0 km/hr.
2. P. Beatty (S.A.)	BJ-2	90.7 km/hr.
3. Goudriaan (Netherlands)	Std. Austria	90.68 km/hr.

TASK 8. 309-km. Triangle 1/9/66		
1. H. Botcher (W. Germany)	Austria SHK	82.5 km/hr.
2. M. Jackson (S. A.)	Std. Austria	77.8 km/hr.
3. S. H. Heiress (W. Germany)	Std. Austria	70.5 km/hr.

TASK 9. 516-km. Out and Return 1/10/66		
1. P. Beatty (S. A.)	BJ-2	96.0 km/hr.
2. R. Stuhr (W. Germany)	Phoebus	94.0 km/hr.
3. K. Keim (W. Germany)	Zugvogel 3B	91.0 km/hr.

TASK 10. Pilot-Nominated Out and Return 1/11/66		
1. Y. Leeman (S. A.)	BJ-2	479 km.
2. H. Botcher (W. Germany)	Austria SHK	433 km.
3. M. Jackson (S. A.)	Std. Austria	302 km.

TASK 11. Pilot-Nominated Out and Return 1/12/66		
1. P. Beatty (S. A.)	BJ-2	590 km.
2. R. Lindner (W. Germany)	Phoebus	529 km.
3. C. Brydges (S. A.)	Std. Austria	489 km.

TASK 12. 332-km. Triangle 1/14/66		
1. H. Botcher (W. Germany)	Austria SHK	105 km/hr.
2. M. Jackson (S. A.)	Std. Austria	102.5 km/hr.
3. Y. Leeman (S. A.)	BJ-2	102 km/hr.

— IAN LEITCH