



FIGURE 3
SAILPLANE "STANDARD AUSTRIA SH" MODEL 1964

Figure 2 (left). Performance curves of the 1963 and 1964 models of the Standard Austria sailplane.

wing in order to obtain an even truer profile contour. Also, the aileron hinges now are completely within the profile of the wing.

The Model SH will come either with the Standard Class fixed landing gear or a retractable wheel. The retractable wheel disappears completely inside the fuselage with cover doors closing the well (see third figure). This gear not only reduces drag but allows greater ground clearance (9½ in.) for landings in difficult terrain and shortens take-off distance by permitting a higher angle of attack for the wing. It also increases the room for aft adjustment of the seat back.

Other improvements in the new model include a tailwheel for better life and handling on the hard-surface runways, improved optical qualities in the canopy and the addition of an adjustable slot-type ventilator over the pilot which may be opened for desert or other conditions requiring strong ventilation.

The new model, after being carefully tested in accordance with the stiff British Civil Airworthiness Requirements, is already approved in Germany, and requires just an amendment to the American Type Certificate.

Technical Data Standard Austria SH

Wing span	49.2 ft.
Wing area	146 sq. ft.
Aspect ratio	16.7
Airfoil	Eppler 266
Empty weight	540 lb.
Payload	232 lb.
Gross weight	772 lb.
Wing loading	5.3 lb./sq. ft.
Load factor (33 ft./sec. gust)	8
Maximum speed, glide or dive	155 mph

Maximum speed in rough air	87 mph
Maximum speed on aero tow	87 mph
Maximum speed on auto or winch tow	62 mph
Terminal velocity with dive brakes	137 mph
Stalling speed	38.5 mph
Minimum sink at 42 mph	2.1 ft./sec.
Maximum glide ratio	34 to 1
Cloud flying permitted.	

Hossinger Sweeps Argentine Championship

Rodolfo Hossinger won the 1964 Argentine National Championship held at Cordoba from January 12-26th with 6871 points, flying a Standard Austria sailplane. This was over 2300 points more than the second place pilot earned, in spite of a handicap system that rated his sailplane at .83 and the Ka-8B at 1.1. He was the only one to complete all of the six speed tasks, at speeds of from 27 to 61 mph, and he went the farthest on the one distance task. Jose Ortner finished 9th in another Standard Austria, with 2878 points. There were 21 in the open class and 19 in a separate Standard Class, which was not handicapped. The weather was poor with weak thermals, much low cloudiness and rain.

1964 Directory Information

Requests for information to be included in the 1964 SSA Soaring Directory have been mailed to all known soaring clubs, organizations, schools and commercial operations. Co-operation in responding to these requests as soon as received will insure the most accurate and up-to-date directory possible. Be-

sides the above information, the Directory will include a complete SSA and SAC membership roster, SSA organizational data and other information on soaring awards, etc.

Copies of the Directory will be available only to SSA/SAC members. SSA voting members will be mailed free copies after it is printed in April. Other members may purchase copies for \$2 each.

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