



# WORLD'S RECORDS IN AVIATION

IN FLIGHT for January 29, 1925, we published a complete list of the World's aviation records as standing on December 31, 1924. Since then several of these records have been beaten and in many cases have, as far as the nationality of the holders is concerned, changed hands. It will hardly be necessary for us to repeat here those records that stand the same now as for 1924, but we publish below a list of the new records, as standing on December 31, 1925. Thus any particular class not given below may be taken to be still unbroken and as published in our previous list.

## Class C (Power-Driven Aeroplanes)

### (b) Records without Refuelling.

*Distance, Non-Stop.*—4,400 kms. (2,728 miles); France, Drouhin and Landry, on Farman, 450 h.p. Farman, at Etampes-Chartres, August 7-9, 1925.

*Duration, Non-Stop.*—45 hrs. 11 mins. 59 secs.; France, as above.

*Distance, Non-Stop, Cross-Country.*—3,166 kms. (1,963 miles) France, Capts. Arrachard and Lemaître, on Breguet 19 B-2, 480 h.p. Renault, Etampes-Villa Cisneros, February 3-4, 1925.

*Speed (Ground Level).*—100 kms. (62.14 miles):—401.279 k.p.h. (248.8 m.p.h.); U.S.A., Lieut. C. Bettis, on Curtiss R-3C-1, 600 h.p. Curtiss, at Mitchel Field, October 12, 1925.

200 kms. (124.2 miles):—400.687 k.p.h. (248.41 m.p.h.); as above.

1,000 kms. (621.4 miles):—248.296 k.p.h. (153.9 m.p.h.); France, Fernand Lasne, on Nieuport-Delage 42 C.1, 500 h.p. Hispano-Suiza, at Villesauvage, August 29, 1925.

1,500 kms. (932.1 miles):—218.827 k.p.h. (135.67 m.p.h.); France, Fernand Lasne, on Nieuport-Delage 42 C.1 500 h.p. Hispano-Suiza, at Villesauvage, September 12, 1925.

2,000 kms. (1,242.8 miles):—218.759 k.p.h. (135.63 m.p.h.); as above.

### Records with 250 kgs. (551.2 lbs.) useful load.

*Speed.*—100 kms. (62.14 miles):—281.030 k.p.h. (174.2 m.p.h.); France, Fernand Lasne, on Nieuport-Delage 42 C.1, 500 h.p. Hispano-Suiza, at Etampes, October 7, 1925.

200 kms. (124.2 miles):—279.720 k.p.h. (173.4 m.p.h.); as above.

500 kms. (310.7 miles):—249.618 k.p.h. (154.7 m.p.h.); France, Fernand Lasne, on Nieuport-Delage 42 C.1, 500 h.p. Hispano-Suiza, at Etampes, September 1, 1925.

### Records with 500 kgs. (1,102 lbs.) useful load.

*Speed.*—100 kms. (62.14 miles):—281.030 k.p.h. (174.2 m.p.h.), France, Fernand Lasne, on Nieuport-Delage 42 C.1, 500 h.p. Hispano-Suiza, at Etampes, October 7, 1925.

200 kms. (124.2 miles):—279.720 k.p.h. (173.4 m.p.h.); as above.

500 kms. (310.7 miles):—249.618 k.p.h. (154.7 m.p.h.); France, Fernand Lasne, on Nieuport-Delage 42 C.1, 500 h.p. Hispano-Suiza, at Etampes, September 1, 1925.

### Records with 1,000 kgs. (2,205 lbs.) useful load

*Duration.*—3 hrs. 3 mins. 30 $\frac{1}{2}$  secs.:—Holland, B. Grasé, on Fokker F.7, 400 h.p. "Liberty," at Schiphol, July 27, 1925.

*Distance.*—200 kms. (124.2 miles); France, Fernand Lasne, on Nieuport-Delage 42 C.1, 500 h.p. Hispano-Suiza, at Etampes, October 16, 1925.

*Speed.*—100 kms. (62.14 miles):—246.440 k.p.h. (152.7 m.p.h.); France, Fernand Lasne, on Nieuport-Delage 42 C.1, 500 h.p. Hispano-Suiza, at Etampes, October 16, 1925.

200 kms. (124.2 miles):—244.864 k.p.h. (151.8 m.p.h.); as above.

### Records with 1,500 kgs. (3,307.5 lbs.) useful load

*Duration.*—3 hrs. 3 mins. 30 $\frac{1}{2}$  secs.:—Holland, B. Grasé, on Fokker F.7, 400 h.p. "Liberty," at Schiphol, July 27, 1925.

*Altitude.*—5,516 m. (18,092.4 ft.); Italy, G. B. Bottala, on F.I.A.T. BR-1, 700 h.p. Fiat A-14, at Turin, December 23, 1924.

### Records with 2,000 kgs. (4,410 lbs.) useful load

*Duration.*—2 hrs. 19 mins. 16 $\frac{2}{3}$  secs.; France, L. Bossoutrot, on super-Farman Goliath, (4) 500 h.p. Farman, at Le Bourget, November 12, 1925.

*Altitude.*—4,990 m. (16,367.2 ft.); as above.

### Records with 3,000 kgs. (6,615 lbs.): useful load.

*Duration.*—2 hrs. 19 mins. 16 $\frac{2}{3}$  secs.; as above.

*Altitude.*—4,990 m. (16,367.2 ft.); as above.

*Records with 4,000 kgs. (8,820 lbs.) useful load*

*Duration.*—2 hrs. 19 mins. 16 $\frac{2}{3}$  secs.; as above.

*Altitude.*—4,990 m. (16,367.2 ft.); as above.

*Records with 5,000 kgs. (11,025 lbs.) useful load*

*Duration.*—1 hr. 12 mins. 21 secs.; France, L. Bossoutrot, on super-Farman Goliath, (4) 500 h.p. Farman, at Le Bourget, November 16, 1925.

*Altitude.*—3,586 m. (11,762 ft.); as above.

*Records with 6,000 kgs. (13,230 lbs.) useful load*

*Duration.*—1 hr. 12 mins. 21 secs.; as above.

*Altitude.*—3,586 m. (11,762 ft.); as above.

## Class Cbis (Seaplanes)

### (b) Records without re-fuelling

*Duration.*—28 hrs. 36 mins. 27 secs.; U.S.A., Lieuts. Shildauer and J. R. Kyle, on P.N.9 flying boat, (2) 500 h.p. Packard, at Philadelphia, May 1-2, 1925.

*Speed.*—(Ground level):—395.439 k.p.h. (245.1 m.p.h.); U.S.A., Lieut. J. H. Doolittle, on Curtiss seaplane, 600 h.p. Curtiss, at Baltimore, October 27, 1925.

100 kms. (62.14 miles):—377.829 k.p.h. (234.2 m.p.h.); as above.

200 kms. (124.2 miles):—377.158 k.p.h. (233.8 m.p.h.); as above.

### Records with 250 kgs. (551.2 lbs.) useful load

*Altitude.*—5,831 m. (19,125.6 ft.); Italy, Lieut. Adriano Bacula, on Savoia S58, 300 h.p. Hispano-Suiza, at Sesto Calende, August 25, 1924.

*Speed.*—100 kms. (62.14 miles):—168.523 k.p.h. (104.4 m.p.h.); Italy, Guido Guidi, on Dornier-Wal 33, "Idaor," (2) 260 h.p. Rolls-Royce, at Pisa, February 4, 1925.

200 kms. (124.2 miles):—168.523 k.p.h. (104.4 m.p.h.); as above.

500 kms. (310.7 miles):—168.523 k.p.h. (104.4 m.p.h.); as above.

### Records with 500 kgs. (1,102 lbs.) useful load

*Speed.*—100 kms. (62.14 miles):—168.523 k.p.h. (104.4 m.p.h.); as above.

200 kms. (124.2 miles):—168.523 k.p.h. (104.4 m.p.h.); as above.

500 kms. (310.7 miles):—168.523 k.p.h. (104.4 m.p.h.); as above.

### Records with 1,000 kgs. (2,205 lbs.) useful load

*Distance.*—507.380 kms. (2,512.8 miles); as above.

*Altitude.*—4,053 m. (13,293.8 ft.); France, Paumier, on F.B.A.-Louis Schreck, 500 h.p. Hispano-Suiza, at Argenteuil, December 5, 1925.

*Speed.*—100 kms. (62.14 miles):—168.523 k.p.h. (104.4 m.p.h.); Italy, Guido Guidi, on Dornier-Wal 33, "Idaor," (2) 260 h.p. Rolls-Royce, at Pisa, February 4, 1925.

200 kms. (124.2 miles):—168.523 k.p.h. (104.4 m.p.h.); as above.

500 kms. (310.7 miles):—168.523 k.p.h. (104.4 m.p.h.); as above.

### Records with 1,500 kgs. (3,307.5 lbs.) useful load

*Duration.*—3 hrs. 33 mins. 35 secs.; as above (February 10, 1925).

*Distance.*—507.380 kms. (2,512.8 miles); as above (February 10, 1925).

*Altitude.*—3,682 m. (12,076.9 ft.); as above (February 4, 1925).

*Speed.*—100 kms. (62.14 miles):—168.523 k.p.h. (104.4 m.p.h.); as above.

200 kms. (124.2 miles):—168.523 k.p.h. (104.4 m.p.h.); as above.

500 kms. (310.7 miles):—168.523 k.p.h. (104.4 m.p.h.); as above.

### Records with 2,000 kgs. (4,410 lbs.) useful load

*Distance.*—253.690 kms. (157.6 miles); as above (February 9, 1925).

*Altitude.*—3,006 m. (9,909.6 ft.); as above (February 4, 1925).

*Speed.*—100 kms. (62.14 miles):—133.781 k.p.h. (82.9 m.p.h.); as above (February 9, 1925).

200 kms. (124.2 miles):—134.514 k.p.h. (83.4 m.p.h.); as above (February 9, 1925).

## Class D (Gliders)

*Duration.*—10 hrs. 19 mins. 43 $\frac{2}{3}$  secs.; France, Comm. Massaux, on Poncelet Vivette, at Vauville, July 26, 1925.