is, perhaps, the most important feature of all, with great possibilities. There is no claim that this little ship can be landed entirely without damage like a free balloon, as there is always likelihood of small breakages in the fins and the car, but the very reason to be thankful that these would be less than with any ordinary size airship.

The car is of wood veneer construction, light but substantial, holding normally two persons, but wide enough to accommodate three in the rear. The car contains ample room for wireless and other small apparatus, and the drag rope is carried in a box in the nose. A small pontoon bumper, which fits the single skid, may be carried, if landing on water is desired. The lower fin, scoop, air valve, and car can all be removed when it is required to bag the ship down in the open.

A small-size harpoon anchor has been developed for this ship on the same principle as has been successful in larger ships. A new design of fuel cell is used for pumping petrol from the car to the tanks, which can also be used for pumping fuel up a hose when towing. For overseas use, a sea anchor is recommended, consisting of one flexible unit of the standard Goodyear design.

**HONOURS FOR**

By the unfortunate lifting of a dividing line in the list of appointments to the Order of the British Empire published in our last issue, a number of those who have been appointed Commanders were, by this omission, "temporarily" created Knights-Commanders. The omission of the heading was, however obvious, from the recommencement of the alphabetical order in which the names under each section were placed. The missing heading was as follows:

For the sake of accuracy we repeat that section of the list which should have appeared under R——:

**Arrival at the Through-steps of the list of more than 5,000 appointments to the Order of the British Empire, some names of those who have been honoured for their work in connection with aviation were overlooked. We therefore give below a further list of appointments which should be added to those published in our last issue:**

**WAR SERVICE**

To be Officers of the Civil Division of the said Most Excellent Order.

To be Members of the Civil Division of the said Most Excellent Order.

To be Officers of the Military Division of the said Most Excellent Order.

**War Service**

**Air Routes In India.**

The work of surveying the main air routes in India is being carried out by R.A.F. officers, Flying Officer H. A. L. Pattison taking the route from Delhi to Calcutta, Flying Officer R. D. L. Stedman from Calcutta to Rangoon, Flying Officer Keward from Calcutta to Bombay, Flying Officer E. King from Bombay to Karachi, Observer Officer G. S. L. Hayward Delhi to Karachi. Capt. Gunning, Chief Inspector to the Indian Air Hoards, is in Rangoon to advise the local Government as to the Burma terminal aerodrome. Some difficulty is likely to be experienced in connection with the two main terminals at Rangoon and Bombay. At Calcutta there is the maidan at Dum Dooa but the ground now being used at Bombay would be under water and impracticable in the monsoons. The Budget for 1920-21 provides live lakhs for civil aviation in India.

**The Crew of the R 38**

The R 38, which was sold to the United States Government is being built at Bedford, but will not be ready before September. Briefly the dimensions of the R 38 are:——

- **Length**: 69 ft. 9 in., **diameter**: 85 ft., **height**: 92 ft., **gas capacity**: 2,742,000 cubic ft., **nominal lift**: 82-7 tons, **nominal power**: 2,400, **number of engines**: six, **speed**: maximum, 71, nominal, 67; **cruising 45 m.p.h.** Full speed range 5,150 miles, **cruising speed range**: 9,400 miles. Endurance, full speed 27-5 hours, cruising 209 hours.

**A R.A.F. Memorial at Lincoln**

As a memorial to the officers and men of the R.A.F. who were trained near Lincoln, and died in the service of their country, it is proposed to erect a stained-glass window in St. Mary's Church, Welton-by-Lincoln.

It will be a three-light window, the central panel occupied with a figure of St. George, with outstretched wings, piercing the head of the dragon of destruction with a lance; under the wings is a cloudbank, landscape, and bay of the sea, over which are eight of the different types of aeroplane used near Lincoln. The tracery of the window will contain the R.F.C. and R.A.F. badges. Subscriptions may be sent to the Rev. A. Hunt (formerly R.A.F. Chaplain at Hampton and South Carlton), St. Mary's Vicarage, Welton-by-Lincoln.

**A.R.A.F. Memorial at Lincoln**

**African Flyers' Home.**

**Captain Maurice Windsor.**——Chief Draughtsman, Aircraft Manufacturing Contracts, Ministry of Munitions; **William Thomas Bullock.**——Chief Assistant to Chief Water Engineer, Department of Works and Buildings, Air Ministry.

**Douglas Browne.**——A.R.A.F.—Voluntary Research Worker, Royal Aircraft Establishment, Farnborough.

**Miss Elizabeth Herbert.**——Assistant to Chief Water Engineer, Department of Works and Buildings, Air Ministry.

**John McCormack.**——Managing Director, Wolsley Motors, Ltd.

**Mr. Ernie Hoare.**——Manager, Aircraft Production Department, Ministry of Munitions.

**Mr. Captain Maurice Windsor.**——Chief Draughtsman, Aircraft Manufacturing Contracts, Ministry of Munitions; **William Thomas Bullock.**——Chief Assistant to Chief Water Engineer, Department of Works and Buildings, Air Ministry.

**Douglas Browne.**——A.R.A.F.—Voluntary Research Worker, Royal Aircraft Establishment, Farnborough.

**Miss Elizabeth Herbert.**——Assistant to Chief Water Engineer, Department of Works and Buildings, Air Ministry.

**John McCormack.**——Managing Director, Wolsley Motors, Ltd.

**Mr. Ernie Hoare.**——Manager, Aircraft Production Department, Ministry of Munitions.

**Thomas Charles Williams.**——Manager, Aircraft Production Department, Ministry of Munitions.

**WILLIAM THOMAS BULLOCK, ESQ.—Chairman, Aircraft Production Department, Ministry of Munitions.**

**Douglas Browne.**——A.R.A.F.—Voluntary Research Worker, Royal Aircraft Establishment, Farnborough.

**Miss Elizabeth Herbert.**——Assistant to Chief Water Engineer, Department of Works and Buildings, Air Ministry.

**John McCormack.**——Managing Director, Wolsley Motors, Ltd.

**Mr. Ernie Hoare.**——Manager, Aircraft Production Department, Ministry of Munitions.

**Thomas Charles Williams.**——Manager, Aircraft Production Department, Ministry of Munitions.

**WILLIAM THOMAS BULLOCK, ESQ.—Chairman, Aircraft Production Department, Ministry of Munitions.**

**Douglas Browne.**——A.R.A.F.—Voluntary Research Worker, Royal Aircraft Establishment, Farnborough.

**Miss Elizabeth Herbert.**——Assistant to Chief Water Engineer, Department of Works and Buildings, Air Ministry.

**John McCormack.**——Managing Director, Wolsley Motors, Ltd.

**Mr. Ernie Hoare.**——Manager, Aircraft Production Department, Ministry of Munitions.