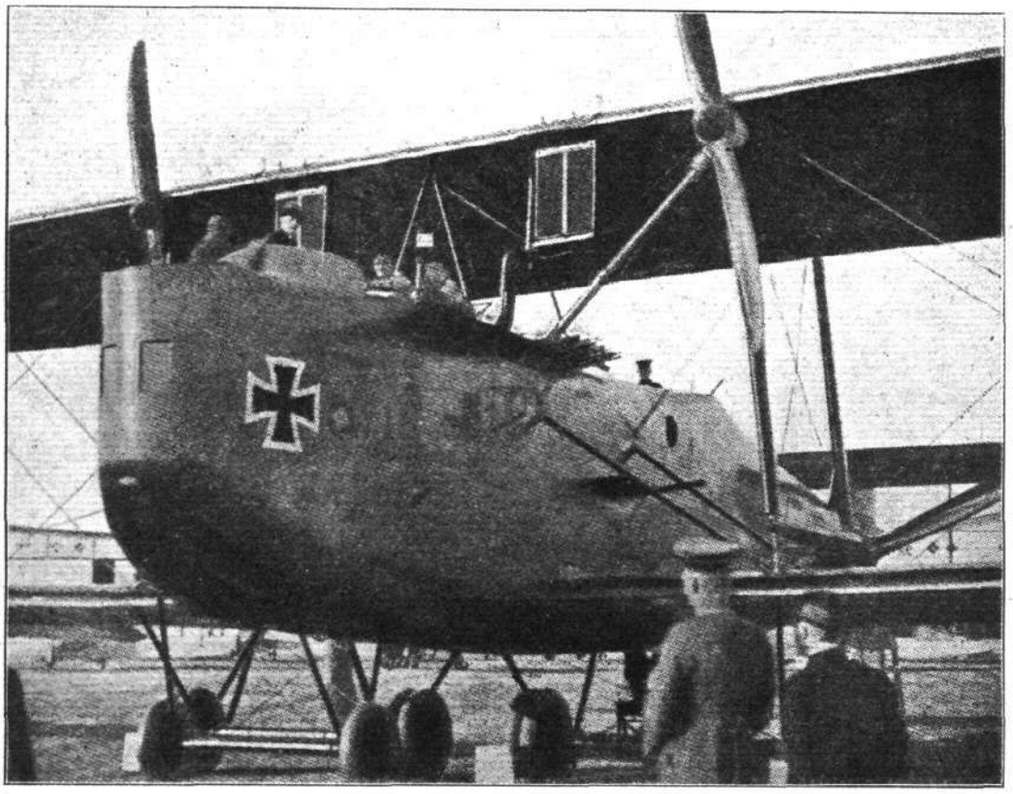
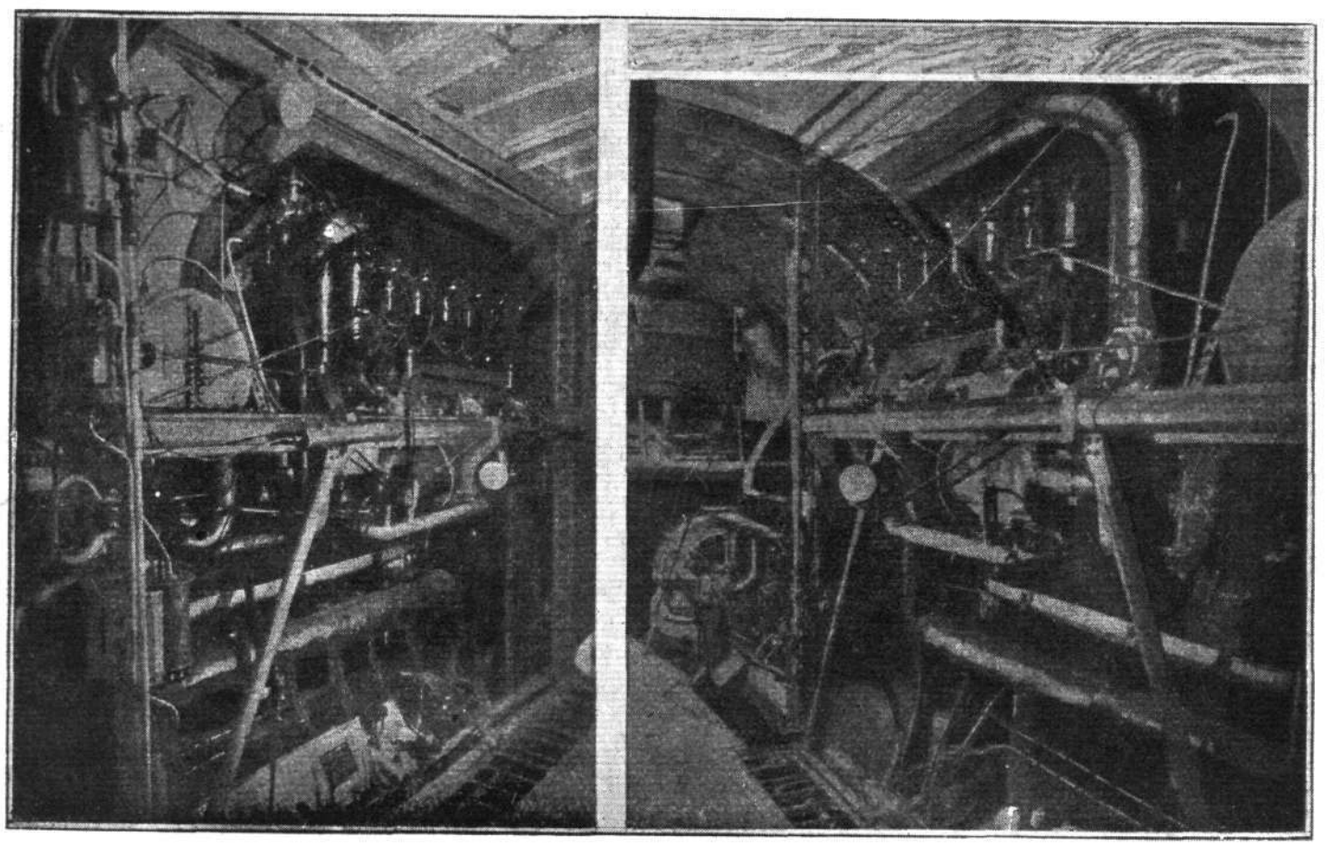


The D.F.W. Military Type R II.: View of the nose of the *fuselage*, showing transmission shafts, etc.

The first of the R II machines made its first trial flight towards the end of August, 1918. Again transmission troubles developed, and the transmission shafts, which ran at 3,000 r.p.m., showed excessive vibration. In order to stop this the shafts were enclosed in tubes, which arrangement appears to have had the desired effect, as no more transmission trouble was, it is said, experienced. The weight empty of the R II was 8,600 kg. (18,900 lbs.), and the total loaded weight somewhere about 12,000 kg. (26,500 lbs.). The power load was 25.25 lbs./h.p., and the wing loading 9 lbs./sq. ft.

Before describing the 24-seater passenger machine, it might be mentioned that the D.F.W. firm had the drawings ready for a giant war machine, a side elevation of which is shown in the accompanying illustration. With the signing of Peace this machine was not required, and was, therefore,



TWO VIEWS OF THE ENGINE-ROOM OF THE D.F.W. MILITARY TYPE R II.: Left: The port engine installation. Right: The starboard engines.