

Piston Aero-Engines of the Great War

An amazing collection of original aero engine manuals and reports, some not published for over 50 years, from the combat aircraft that flew in the Great War and just after - British, French, German, Italian and Austrian.

This is the first in an anticipated series of data CDs/DVDs highlighting some of the fascinating documents held in the Special Collections in Hampshire Libraries - here the Aviation Collection at Farnborough Library which received a donation of early aviation material from Qinetiq, from which these splendid aero engine reports come.

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Rare Original Manuals,
Plans, Technical Reports

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Track Listing

Disc 1 Allied

1. British Air Board, preliminary instruction manual for the FIAT 260 hp aero engine *Type A12*, 1917. [AIR 10/246](#)
2. British Ministry of Munitions, report on the 650 hp FIAT aero engine, 1918. [AIR 10/356](#)
3. British Ministry of Munitions, report on the 12 cylinder Galloway "Atlantic" aero engine, 1918. [AIR 10/378](#)
4. British Ministry of Munitions, report on the 300 hp Hispano-Suiza aero engine *Direct Drive*, 1918. [AIR 10/377](#)
5. British Ministry of Munitions, notes for squadrons in the field: Hispano-Suiza engines, 1918. [AIR 10/352](#)

6. Royal Aircraft Factory, spare parts catalogue for aeroplane engines, with instructions for running and repair of RAF 1A, 1916. [AIR 10/696](#)
7. Royal Aircraft Factory, notes on RAF engine *Type 3A*, 1917. [AIR 10/264](#)
8. Royal Aircraft Factory, notes on RAF engines *Types 4A* and *5*, 1917. [AIR 10/707](#)
9. Schedule of the Siddeley-Deasy type 230 bhp engine, 1918. [AIR 10/723](#)
10. British Ministry of Munitions, preliminary instruction book for ABC aero engine type "Wasp", Marks I and II, 1918. [AIR 10/344](#)

Disc 2 Central Powers

1. British Ministry of Munitions, report on the 200 hp Austro-Daimler aero engine, 1918. [AIR 10/355](#)
2. British Ministry of Munitions, report on the 270 hp Basse-Selve *BuS IVa* aero engine, 1918. [AIR 10/383](#)
3. British Air Ministry, report on the 230 hp Bayern *BMW IIIa* aero engine, 1919. [AIR 10/397](#)
4. British Air Board, report on the 230 hp Benz *Bz IV* aero engine, 1917. [AIR 10/239](#)
5. British Air Ministry, report on the 220 hp Hiero Austro FIAT aero engine, 1919. [AIR 10/492](#)
6. British Ministry of Munitions, report on the 300 hp *Mb IVa* Maybach aero engine, 1918. [AIR 10/338](#)
7. Royal Aircraft Factory, report on a 200 hp Maybach engine captured from German airship SL11, 1916. [DSIR 23/896](#)
8. British Ministry of Munitions, report on the 180 hp *DIIIa* Mercedes aero engine, 1918. [AIR 10/268](#)
9. British Ministry of Munitions, report on the 200 hp *DIIIa* high compression Mercedes aero engine, 1918. [AIR 10/386](#)
10. British Ministry of Munitions, report on the 240 hp *DIV 8 cylinder* Mercedes aero engine, 1918. [AIR 10/251](#)
11. British Air Board, report on the 260 hp *DIVa* Mercedes aero engine, 1917. [AIR 10/250](#)
12. Three reprints from The Automobile Engineer of 1916/17, on the 160 hp Benz 1917, the 200 hp Maybach 1916, and a dimensional comparison between the 160 hp Benz and the 160 hp Mercedes 1917.