

- b.) Upkeep and operation of airships and provision of fuel: No estimate has been prepared for these individual years. At the end of the fifth year, however, when fortnightly services were in being to India, South Africa, and Australia, the expenditure under this head would be at the rate of:—

						Per Annum. £
Crews (ten)	..	..	..	..	..	120,000
Petrol and oil	..	..	..	..	..	437,000
Hydrogen	..	..	..	..	..	437,000
Maintenance	..	..	..	..	..	100,000
Total	..	..	..	..	..	£1,094,000

In the above figures petrol has been taken at 3s. per gallon and hydrogen at 20s. per 1,000 cubic feet.

			£	Contingencies. £	Total. £
Capital expenditure	..	..	4,545,000	812,000	5,357,000
Running expenditure	..	..	901,000*	688,000	1,589,000*

- (c.) Carrying-capacity of services: Assuming the full load of the new airships on the longest flight between refuelling stations to be fifty passengers and 13 tons of mails and freight, the maximum traffic that could be carried on each of the three routes by a fortnightly service would be—England–India, 1,300 passengers and 338 tons of freight in each direction, or a total of 2,600 passengers and 676 tons of freight per annum on the route, and similar figures for the other two routes.

APPENDIX D.

Additional Expenditure involved in carrying out Demonstration Flights to South Africa and Australia in Two-year Period.

Capital expenditure—Provision of mooring-mast stations†—

					£	£
South Africa—Mombasa	..	..	..	..	55,000	
South Africa	..	..	..	..	55,000	
						110,000
Australia—Perth	..	..	..	..	55,000	
Australia—Melbourne	..	..	..	..	55,000	
Ceylon (for return journey)	..	..	..	..	55,000	
						165,000
						275,000

Running expenditure—

Personnel and maintenance of five mooring-mast stations, at £1,000						
per month per station for three months	..	..	..	..	15,000	
Two flights, Egypt to Australia and return, at £9,000	..	..	..	..	18,000	
						33,000
Total	..	..	..	..	..	£308,000

* Plus flying costs.

† Details of mooring-mast station: Mast, £15,000; gasometer, £20,000; gas main, £2,000; gas plant, £6,000; buildings, £1,000; equipment, £2,000; roads, £1,000; transport, £3,000; add for contingencies, £5,000: total, £55,000.