

Commonwealth Air Training

Buildings at Bombing Range

- 1 Observation tower
- 1 Quadrant shelter
- 1 Raft target
- 1 Pile target
- 1 set splash targets
- 1 Boat house
- 1 Boat dock
- 1 Garage M.T.

Aerodrome Requirements

1. Main aerodrome

Aerodromes to be of sufficient smoothness, where possible, to land and take-off in any direction.

Where all-over development is not economically practical, landing strips 3,000 feet long and 750 feet wide, with one hard surface runway 2,500 feet long, and 150 feet wide, will be satisfactory.

Estimated Building and Service Requirements for One Typical Service Flying Training School

- 5 Hangars 224 feet by 160 feet
- 1 Officers' quarters
- 1 Officers' mess
- 1 N.C.O.'s mess
- 2 N.C.O.'s quarters
- 6 Airmen's quarters
- 2 Airmen's messes
- 1 Civilians' quarters
- 1 Civilians' mess
- 1 Airmen's canteen
- 1 Civilians' canteen
- 1 Recreation building
- 1 Guard house
- 3 Garages (M.T.)
- 1 Supply depot
- 1 Hospital, 34-bed
- 1 25-yard M.G. range
- 1 10-foot stop butt
- 1 Watch office
- 1 Compass swinging base
- A/C gas storage, 20,000 gallons
- M/T gas storage, 1,000 gallons
- Garage, etc. R1 aerodrome
- Camera obscura
- 4 A.M.L. teachers
- 1 Drill hall
- Grading sports fields
- 1 Sports pavilion
- 1 Headquarters
- 1 G.I.S.
- Explosive storage
- Power supply
- Services, roads, etc.
- Maintenance and unforeseen
- Heating above buildings

Aerodrome Requirements

1. Main aerodrome

Minimum dimensions of landing strips, 3,000 feet long, 750 feet wide, at sea level, clear of obstructions for 2/3 of the perimeter.

Two hard surface runways for each landing strip, the minimum dimensions being 2,500 feet long, 100 feet wide, minimum distance between the parallel runways being 250 feet.

These aerodromes are equipped and suitable for night flying.

2. Relief landing grounds

Two relief landing grounds are required.

R-Relief aerodromes.

At R.1 the requirements are the same as for the main aerodrome, except that one hard surface runway only is constructed in each

[Mr. Power.]

landing strip. R.1 is equipped and suitable for night flying, free from artificial or natural hazards.

R.2 Minimum dimensions will be as for main aerodrome, but no hard surface runways are required. This aerodrome may have a 20 to 1 ratio, clear of obstructions, and will not be equipped for night flying.

Both relief aerodromes to be accessible by road from main aerodrome.

3. Practice bombing range

A practice bombing range is required, the area being a radius of 500 yards.

Estimated Building and Service Requirements For One Typical Equipment Depot

- 35 Stores buildings
- 1 Officers mess and quarters
- 1 Airmen's and N.C.O.'s mess and quarters
- 1 Headquarters
- 1 Guard house, large
- 2 Garages
- 3 Inflammable stores
- 1 Lunch room and canteen
- Railway spur
- Heating above buildings
- M.T. gas storage—1,000 gals.
- Services
- Power supply
- Maintenance and unforeseen
- H.Q.'s building increased size
- Receipt and delivery building.

Estimated Building and Service Requirements For One Typical Repair Depot

- 6 Hangars 112 feet by 128 feet
- 1 Storage hangar 86 feet by 104 feet
- 1 Inflammable stores
- 4 Workshops
- 1 Garage
- 1 Headquarters
- 1 Technical and Q.M. stores
- 1 Guard house—small
- 1 Lunch room and canteen
- 1 Officers' mess and quarters
- 1 N.C.O.'s quarters
- 1 N.C.O.'s mess
- 1 Airmen's mess and quarters
- 2 Watch houses
- Heating above buildings
- Paving aprons and taxiway
- Railway spur
- M.T. and A/C gas storage 40,000 gals.
- Services—includes power supply
- Maintenance

Estimated Building and Service Requirements For One Typical Wireless School

- Alterations to present buildings
- Drill hall and garage
- Wireless station
- Maintenance
- Hospital—32-bed
- Officers' mess and quarters
- N.C.O.'s mess and quarters
- Services
- Hangar and canteen
- New buildings and services

Estimated Building and Service Requirements For One Typical Air Navigation School

- 4 Hangars 224 feet by 160 feet
- 1 Radio range station
- 2 Officers' quarters
- 2 Officers' messes
- 1 N.C.O.'s quarters
- 1 N.C.O.'s mess
- 5 Airmen's quarters