



Image courtesy of the Cloncurry Mustering Company

Cloncurry Aerodrome and FTR

Queensland Flight Test Range

The Queensland Government has invested in the foundation stage of an Unmanned Aerial Systems Flight Test Range (FTR), based at Cloncurry Aerodrome and QinetiQ have been appointed as the Range operators. The FTR is the first of its kind for Australia, and provides the ideal

location to test, trial and evaluate your unmanned aerial systems (UAS) and payloads.

The Range will be an important component in the overall drone ecosystem, as both an enabler and connector of high-technology UAS programs and initiatives.

QINETIQ



**Queensland
Government**

Specifications

Commercial-grade runway	2,000m x 30m
Secondary runway	1,150m x 18m
Flight operations hangar	Lockable, insulated 20m x 20m x 7.5m hangar.
Workshop and secure storage	Secure air conditioned workshop facilities with storage for Petrol, Oil and Lubricants and repairable items.
Range Control Centre/System	The Range Control Centre contains office space, monitoring equipment, range control systems and staff amenities. The range control systems include primary surveillance radar, ADS-B and VHF/UHF communications.
Airspace	The FTR will utilise several interlinked airspace volumes of varying dimensions to meet client specific trial requirements.

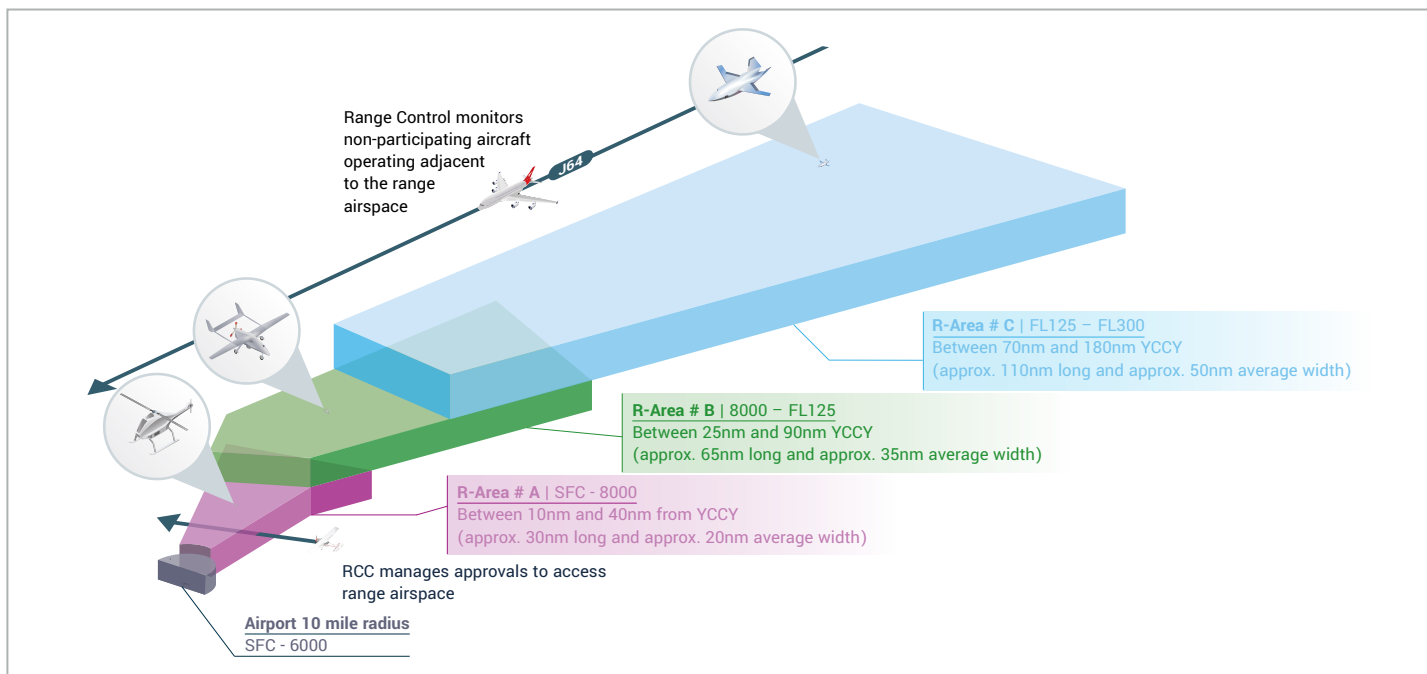
The FTR facilitates:

- Operational flying of all weight classes of UAS for routine flying operations, Test and Evaluation (T&E) and demonstration activities for varying levels of operational complexity.
- Flight operations by approved and licensed operators (by day or night) in a safe and controlled environment.
- Safe conduct of trials through with proven Range Control System (RCS) equipment and processes.
- Complex operational approvals within the existing regulatory frameworks.

FTR Services:

In addition to leasing of the Range for commercial trials, the QinetiQ FTR team offer:

- Airspace design and approval to meet the needs of the end-user trials and manage ground and air risk.
- Trials Safety Case (SORA based) creation and lodgment.
- Liaison with relevant stakeholders on behalf of end-users.
- Range surveillance safety services (tactical identification of air risk).
- Provision of aeronautical information and briefings.
- Oversight of range operations to assure that safety practices and procedures are actively managed.
- Emergency response services and coordination.
- ReOC service.



Indicative Airspace

Collaborating with QinetiQ

At QinetiQ, we manage some of the world's most advanced facilities across the land, maritime and aerospace domains and provide our expert people to help safely test systems, platforms and payloads in operationally realistic environments.

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