

AVIATION STATE ENGAGEMENT FORUM**QLD AVSEF**

Submission date: 17/04/2020

TITLE	Rocket Launching
SUBMITTED BY	Alex Jennings – CASA OAR oar@casa.gov.au
CONSULTATION SUMMARY	To seek members feedback on a proposal to establish a Temporary Restricted Area (TRA) due to rocket launching
KEY ISSUES	<ul style="list-style-type: none">• One TRA proposed to a height of 5000ft AMSL• Up to three rocket launches within daylight hours only during 12-14 May 2020• Launch location St George, QLD
FEEDBACK TO	Alex Jennings - CASA OAR oar@casa.gov.au
CLOSE DATE	01 May 2020
ATTACHMENTS	Nil

OVERVIEW

Gilmour Space Technologies (GST) is an Australian based company planning up to three low altitude rocket launch activities between 12-14 May 2020. GST have previously successfully launched high altitude rocket launches, and this time are proposing to launch a series of unmanned sounding rockets to a maximum altitude of 3200ft AGL and recover them under parachute to test the technical development of its guidance, navigation and control (GNC) architecture.

One TRA is proposed to support up to three launches during the dates 12-14 May 2020, and will be activated when required, weather permitting. The launch location is approximately 12NM from the nearest aerodrome, YSGE, St George aerodrome.

PROPOSAL

To ensure the safety of aircraft in flight the OAR is proposing a TRA with the following dimensions:

TRA ST GEORGE

Vertical Limits: SFC – 5000ft AMSL

Lateral Limits: Within 3NM radius of 275512S 1484626E

The TRA will be disestablished upon cessation of the activity.

