

For policy explanatory purposes, the various “groupings” of rockets has been set out below for ease of reference.

Pre-30 June 2020 concepts	Post-30 June 2020 concepts	Regulatory responsibility
Small Model Rocket (CASR 101.440)	Grouping A Small Model Rocket (CASR 101.440) – no change to existing provisions in the CASR.	Air risk – CASA Ground risk – CASA
Model Rocket (CASR 101.425)	Grouping B Model Rocket (CASR 101.425) – no change to existing provisions in the CASR.	Air risk – CASA Ground risk – CASA
High Power Rocket (CASR 101.425)	Grouping C Repeal of definition of high power rocket in CASR 101.425. New concept of a “rocket that is not a model rocket” to be used in regulation 101.450 of CASR for regulating launch of rockets in an area approved by CASA. CASA will consider both the air and ground risks of rockets that are: (a) not a model rocket; and (b) not a <i>high power rocket</i> (within the meaning of the SLRA); and (c) not a rocket that facilitates the launch of a <i>space object</i> (within the meaning of the SLRA). For ease of reference, CASA will consider referring to rockets in grouping C as <i>amateur rockets</i> in relevant instruments issued by CASA. The provision creating an offence if a person launches a rocket in a way that creates a hazard to an aircraft in subregulation 101.055(2) is unchanged. The provision creating an offence if a person launches a rocket in a way that creates a hazard to another person or to property in subregulation 101.055(3) is narrowed to only apply to rockets in Grouping A, B and C.	Air risk – CASA Ground risk – CASA
	Grouping D Repeal of definition of high power rocket in CASR 101.425 for regulating launch of rockets in an area approved by CASA. New concept of a “rocket that is not a model rocket” to be used in regulation 101.450 of CASR for regulating launch of rockets in an area approved by CASA. Grouping D is aligned with the operation of a rocket that is defined as a <i>high power rocket</i> set out in the ASA’s legislation (within the meaning of the SLRA). These rockets will have air risk regulated by CASA (the grant of area approvals and offence provisions including subregulation 101.055(3)) but ground risk is regulated by the ASA.	Air risk – CASA Ground risk – ASA
	Grouping E Repeal of definition of high power rocket in CASR 101.425 for regulating launch of rockets in an area approved by CASA. New concept of a “rocket that is not a model rocket” to be utilised in regulation 101.450 of CASR. Grouping E is aligned with the operation of a rocket that facilitates the launch of a <i>space object</i> (including suborbital rockets and similar launch vehicles) is regulated under the ASA’s legislation. CASA will continue to oversight air risk associated with these launches, but ground risk and space risk are regulated by the ASA.	Air risk – CASA Ground risk – ASA Space risk – ASA

CASA and the ASA consider the various regulatory risks, in terms of policy framework, to mean:

Air risk – this refers to a regulatory obligation to ensure the safety of air navigation and is expressed in civil aviation legislation such as section 9A of the *Civil Aviation Act 1988*, Subpart 11.BA of CASR, and regulations 101.030(3), 101.055(2) and 101.460 of CASR. This is predominantly a CASA regulatory obligation with some shared responsibility with the ASA due to requirements under section 12 of the SLRA in relation to launch from an aircraft in flight and section 26 of the HPR Rules in relation to preparation of a flight safety plan. From 30 June 2020, the ASA is the entry control regulator for all high power rocket activities. Matters concerning air risk for the purposes of a launch, which fall within CASA's responsibility, will be consulted through information sharing processes between the two agencies.

Ground risk – this refers to risk of debris or materials from launched rockets that may impact people or property on the ground. From 30 June 2020, the ASA is solely responsible for regulating all aspects of ground risk in relation to high power rocket activities and space objects (Groupings D and E, particularly through sections 19 and 25 of the HPR Rules). The offence in connection to ground risk in subregulation 101.055(3) of CASR will be amended to only apply to rockets that are not high power rockets or space objects (Groupings A, B and C).

Space risk – for the purposes of Australian legislation, the delimitation of space begins at 100 km above sea level. Regulation of activities undertaken in space (Grouping E) is the ASA's sole responsibility.

NOTE: A "space object" could, be facilitated by a rocket (but this is not always the case). It is important to note that a space object is not a high power rocket since the former (space object) exceeds 100 km in altitude and the latter (high power rocket) must not exceed 100 km in altitude.