

Item	Unit code	Unit of competency	Item/manoeuvre	Accuracy/tolerance
2	RC2	Energy management	<p>1 <i>Electric-powered RPA</i></p> <p>(a) identifies the amount of energy required and available for each flight stage, including reserves;</p> <p>(b) changes batteries within reserve limits;</p> <p>(c) ensures RPS power within limits;</p> <p>(d) ensures RPS power within limits.</p>	<p>1 The following:</p> <p>(a) the calculated RPA operation endurance is within +/- 10%;</p> <p>(b) sufficient reserves are available to cover variations and contingencies;</p> <p>(c) the RPA operated within manufacturer's or operator's voltage and current limits.</p>
			<p>2 <i>Very small or small RPA with liquid-fuel system</i></p> <p>(a) identifies the amount of energy available for each flight stage, including reserves;</p> <p>(b) confirms correct amount of fuel is on aircraft;</p> <p>(c) fuels and refuels as required;</p> <p>(d) ensures RPS power within limits;</p> <p>(e) carries out fuel quality and contamination checks.</p>	<p>2 The following:</p> <p>(a) the calculated RPA operation endurance is within +/- 10%;</p> <p>(b) sufficient reserves are available to cover variations and contingencies;</p> <p>(c) safe fuelling and refuelling procedures;</p> <p>(d) identifies correct fuel grade.</p>

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3	RC3	Manage crew, payload and bystanders	<ul style="list-style-type: none"> (a) communicates effectively with simulated crew and bystanders; (b) ensures payloads are correctly attached and suitable for the RPA (as applicable). 	[No tolerances.]
4	RAF	Autoflight systems for the RPAS	<ul style="list-style-type: none"> (a) performs examiner-selected items/ manoeuvres in flight test schedule using automated flight controls; (b) programs the RPAS to complete an amendment to the planned flight; (c) safely manages the RPA in an emergency situation. 	<ul style="list-style-type: none"> (a) demonstrates good understanding of automated flight modes; (b) programs flight and amendment to plan in a timely way; (c) flies the RPA accurately in manoeuvres, including aeroplane-style landings and hovers.
5	RNT	Non-technical skills for the RPAS	<ul style="list-style-type: none"> (a) maintains effective lookout for other aircraft and hazards; (b) maintains situational awareness; (c) sets priorities and makes good decisions. 	<ul style="list-style-type: none"> (a) identifies and effectively manages hazards associated with the flight of the RPA; (b) chooses safest option when confronted with hazardous situation.