



FULLY AUTOMATED UAV POC

SINGAPORE LAND AUTHORITY
GOVTECH - HUSUNMANNED SYSTEMS

WITH SUPPORT FROM MOT & CAAS

0003+05
0007+09
00:00;04;01



TO MANAGE 10 OFFSHORE ISLANDS WITH LIMITED MANPOWER
(MANPOWER REDUCED FROM 17 TO 4)

OFFSHORE ISLANDS
PROBLEM STATEMENT

0003+05
0007+13
00:00;04;05



000114

Telemetry: M200-095xe74002

Battery	GPS	Telemetry	RC link
21.79 V 19 %	21	100 %	100 %

Armed Auto N/A Fence: N/A

Raw	Altitude, m		Vertical speed, m/s
	AGL	AMSL	
41.1	40.3	55.0	0.00

Upload

Auto Mode Manual Mode

SYSTEM TESTING

00:00:03;24

Auto Mode Manual Mode

0007+02

TO VALIDATE THAT ALL CRITICAL COMPONENTS ON THE UA PERFORM AS INTENDED UNDER VARIOUS OPERATING AND ENVIRONMENTAL CONDITIONS

Waypoint

Latitude: 1.2237477 D/F/E

Longitude: 103.8604031 D/F/E

Altitude AGL, m: 55.00

Flight speed, m/s: 5.00

Turn type: Stop&Turn

Avoid obstacles:

Avoid terrain:

000158

Telemetry: M200-095xe74002

Battery	GPS	Telemetry	RC link
23.81 V 76 %	20	100 %	100 %

Armed Auto flying to point 6 Fence: N/A

Raw	Altitude, m	AGL	AMSL	Vertical speed, m/s
54.5	54.9	61.8	-0.10	

Upload

Auto Mode Manual Mode

Click & Go

Hold Continue

Return Home

SCHEDULED & ON-DEMAND FLIGHT

FLIGHT ADHERENCE TO PREDEFINED FLIGHT PATH & AUTHORIZED FLYING WINDOW

00:00:05;08

0009+14

TESTING OF SLA BUSINESS USE CASE

AERIAL IMAGERY

The detailed plans of Larnak Island used since the 1970s to represent the island in the internet. Sections 1.10.22 and 1.10.23 from the original document of Larnak Island, also reproduced in their exact original form, and translated by H. Rackham.

40 BC. This book is a translation of the original text of the book "Larnak Island" by H. Rackham. The original text of the book is available in the book "Larnak Island" by H. Rackham. The original text of the book is available in the book "Larnak Island" by H. Rackham.

0007+09

READABILITY OF SIMULATED CRACKS, DEBRIS, ETC.
00;00;04;01 DATA ACQUISITION CAPABILITY
IMAGE OVERLAP