

In-time Aviation Safety Management System (IASMS)

UTM
Weather Services
LAANC

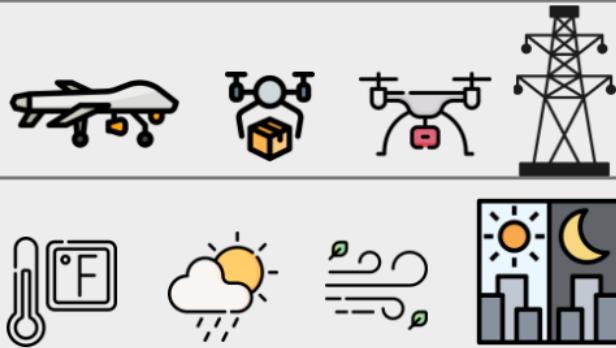
⑦ In-time time-series failure detection and diagnostics

⑤ Learned unsafe configurations

⑥ Learned indicator trends



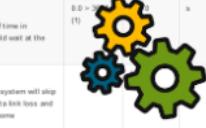
① sUAS Environmental Awareness



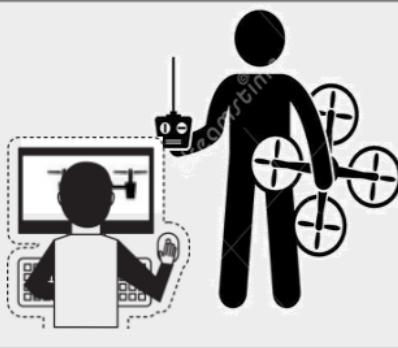
② sUAS Hardware and Features



Name	Description	Min > Max (min.)	Default	Units
NAM_AH_ALT (FLOAT)	Airfield home alt Comment: Altitude of airfield home waypoint	-50 > 7 (0.5)	000.0	m
NAM_AH_LAT (FLOAT)	Airfield home Lat Comment: Latitude of airfield home waypoint	< -900000000 > 900000000	-265847810	deg * 1e7
NAM_AH_LON (FLOAT)	Airfield home Lon Comment: Longitude of airfield home waypoint	< -1800000000 > 1800000000	10-18423200	deg * 1e7
NAM_DLW_AH_T (FLOAT)	Airfield home wait time Comment: The amount of time in seconds the system should wait at the airfield home waypoint	0.0 > 300	0	s
NAM_DLW_CHSK (FLOAT)	Skip command hold up Comment: If set to 1 the system will skip the commands hold up on data link loss and will directly fly to airfield home	0.0 > 1	1	



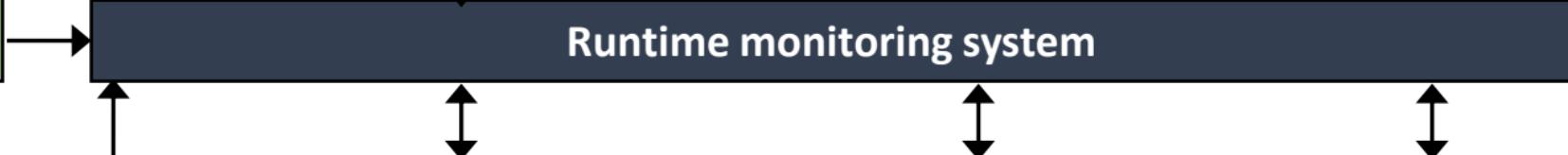
③ PIC Human Factors



④ sUAS Runtime



Runtime monitoring system



Incident reports