

Application	Bridge Inspection	Crime Scene Investigation	Development Platform	Home Inspection	Environment Surveying	Reconnaissance	Survivor Search
System							
ICARUS ver 2	X	X	X	X	X	X	X
ICARUS ver 1	X	X	X	X	X	X	X
ArduCopter	-	-	X	X	-	-	-
AR Parrot Drone	-	-	X	X	-	X	-
Dragan Flyer VI	X	X	-	X	X	X	X

Capability	Advanced Hover	Automatic Takeoff/Hover/Landing	Autonomous Navigation	Manual Control	Calibration via Test-Stand	Vehicle Health System	Collapsible Frame	Configurable Payloads	Extended Range	Extended Flight Duration	Image Capture	Obstacle Avoidance	Swarm Autonomy	Terrain Following	Audible Vehicle Status	Video Transmission	WiFi Repeater	Wireless Airborne Programming	Wireless Charging other Systems
System																			
ICARUS ver 2	X	X	X	X	X	X	-	F	F	F	F	F	F	F	F	F	F	F	F
ICARUS ver 1	-	X	X	X	X	X	-	-	F	F	F	F	F	F	F	F	F	F	-
ArduCopter	-	X	X	X	-	-	-	-	-	-	-	X	-	X	-	-	-	-	-
AR Parrot Drone	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-
Dragan Flyer VI	-	X	-	X	-	X	X	X	X	-	X	-	-	-	-	X	-	-	-

Technology	CoAxial Rotors	Command/Control Network Monitoring	Inertial Navigation Unit	Power Management	Primary/Secondary Controller Implementation	Rotatable Pylons	Waypoint Navigation	3D Feedback	Automatic
System									
ICARUS ver 2	X	X	X	X	X	X	X	F	F
ICARUS ver 1	-	X	X	X	X	-	X	F	F
ArduCopter	-	-	X	X	-	-	X	-	-
AR Parrot Drone	-	-	-	-	-	-	-	-	-
Dragan Flyer VI	X	X	X	-	-	-	-	-	-

Technology	Autonomous Landing Pad	Audio Commands	Cel-Phone Controlled	Cellular Network	Data Storage	GCS-Interface MatLab	J AUS Interoperability	RCU Testing Software	R/C Control	Safety System
System										
ICARUS ver 2	F	F	F	F	F	F	F	F	F	F
ICARUS ver 1	F	F	-	F	F	F	F	-	-	F
ArduCopter	-	-	-	-	-	-	-	-	X	X
AR Parrot Drone	-	X	-	-	-	-	-	-	-	X
Dragan Flyer VI	-	-	-	X	-	-	-	-	-	X

Technology	SATCOM	SLAM	Target Detection	Wireless Charging
System				
ICARUS ver 2	F	F	F	F
ICARUS ver 1	-	-	F	-
ArduCopter	-	-	-	-
AR Parrot Drone	-	-	-	-
Dragan Flyer VI	-	-	-	-