<table>
<thead>
<tr>
<th>MANUFACTURER</th>
<th>MODEL</th>
<th>ALIAS</th>
<th>PAYLOAD TYPE</th>
<th>PAYLOAD OPTIONS</th>
<th>PAYLOAD FORMATION</th>
<th>PAYLOAD HORIZON</th>
<th>PAYLOAD BUDGET</th>
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</thead>
<tbody>
<tr>
<td>Elbit Systems Ltd.</td>
<td>Skylark I-LE</td>
<td>Reconnaissance/Surveillance/Target</td>
<td>Hand-/bungee-launched</td>
<td>Electro-optical (EO) or Infrared (IR)</td>
<td>20-40</td>
<td>1.5 hr./6 mi.</td>
<td>15,000</td>
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<tr>
<td>Elbit Systems Ltd.</td>
<td>Hermes 900</td>
<td>Multipurpose</td>
<td>Various</td>
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<td>Elbit Systems Ltd.</td>
<td>Hermes 450</td>
<td>Multipurpose</td>
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<td>Hermes 180</td>
<td>Istar</td>
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<td>Hermes 1500</td>
<td>Reconnaissance/surveillance/target</td>
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<tr>
<td>EADS Deutschland-Ulm GmbH</td>
<td>Tracker</td>
<td>Surveillance/reconnaissance</td>
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<td>EADS Deutschland-Ulm GmbH</td>
<td>Scorpio</td>
<td>Observation/surveillance</td>
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<td>DRS Unmanned Technologies</td>
<td>Sentry HP</td>
<td>Reconnaissance/surveillance/target</td>
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<td>Denel (Pty) Ltd.</td>
<td>Skua</td>
<td>Reconnaissance/target</td>
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<td>CybAero AB</td>
<td>Apid 60</td>
<td>Multipurpose</td>
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<td>Composite Engineering, Inc.</td>
<td>MQM-107 Streaker</td>
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<td>Chung-Shan Institute of Science and Technology (CSIST)</td>
<td>Kestrel II</td>
<td>Multipurpose</td>
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<tr>
<td>Boeing Defense, Space &amp; Security</td>
<td>Phantom Ray</td>
<td>Multipurpose</td>
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<td>Boeing Defense, Space &amp; Security</td>
<td>MQ-18</td>
<td>A160 Hummingbird</td>
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<td>Aeronautics Defense Systems Ltd.</td>
<td>Aerostar</td>
<td>Surveillance/target acquisition</td>
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<td>Aeronautical Development Agency</td>
<td>Nishant</td>
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<td>Advanced Technologies &amp; Engineering Co.</td>
<td>Roadrunner</td>
<td>Surveillance</td>
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<td>AAI Corp.</td>
<td>RQ-19 Aerosonde</td>
<td>Multimission</td>
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<td>A. S. Yakovlev Design Bureau OJSC</td>
<td>Pchela-1T</td>
<td>Reconnaissance</td>
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<td>A. S. Yakovlev Design Bureau OJSC</td>
<td>Expert</td>
<td>Reconnaissance</td>
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</table>

**Note:** This table includes various unmanned aircraft systems (UAS) with different capabilities and functions, including reconnaissance, surveillance, target acquisition, and multipurpose applications. The payload options and formation vary significantly, as do the mission horizons and budget considerations.
Honeywell Aerospace

**Herford** (Sperry Gyroscope/International) 12.417

**Honeywell** (Sperry Gyroscope/International) 7.1616.6

**Honeywell** (Sperry Gyroscope/International) 18.7550

**Honeywell** (Sperry Gyroscope/International) 2.66.6

**Honeywell** (Sperry Gyroscope/International) 6.8 18.7

**Honeywell** (Sperry Gyroscope/International) 1.4 18.7

**Kearse Aerospace Industries, Ltd.** Night Eagle 12 hr./45 mi. 15,000 In production. ATOL.

**Kearse Aerospace Industries, Ltd.** Night Hawk 12 hr./13,810 mi. 60,000+ In production. ATOL.

**L-3** (Blackwater) Reconnaissance/Reconnaissance 12 hr. 9,386

**L-3** (Blackwater) Reconnaissance/Reconnaissance 12 hr./20,000 mi. 60,000+ In production. ATOL.

**L-3** (Blackwater) Reconnaissance/Reconnaissance 12 hr./13,810 mi. 47,500 In production. ATOL.

**L-3** (Blackwater) Reconnaissance/Reconnaissance 12 hr./13,810 mi. 10,500 In production. ATOL.

**L-3** (Blackwater) Reconnaissance/Reconnaissance 12 hr./13,810 mi. 6,400 In production. ATOL.

**L-3** (Blackwater) Reconnaissance/Reconnaissance 12 hr./13,810 mi. 60,000+ In production. ATOL.

**L-3** (Blackwater) Reconnaissance/Reconnaissance 12 hr. 15,000 In production. ATOL.

**L-3** (Blackwater) Reconnaissance/Reconnaissance 12 hr./13,810 mi. 10,500 In production. ATOL.

**L-3** (Blackwater) Reconnaissance/Reconnaissance 12 hr./13,810 mi. 47,500 In production. ATOL.

**L-3** (Blackwater) Reconnaissance/Reconnaissance 12 hr./13,810 mi. 10,500 In production. ATOL.

**L-3** (Blackwater) Reconnaissance/Reconnaissance 12 hr./13,810 mi. 60,000+ In production. ATOL.

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Raytheon Co. Cobra
Reconnaissance/Surveillance 9.3 10.2 100 1 X (twin), Aircraft (En-150) Key Features
Radio SDR-69 3 hr.

Harellastal Defense Electronics GmbH
KCD Damage assessment/Reconnaissance/Target acquisition
7.5 11.1 235 1 X 18 km, 2-stroke, 2-piston outboard propeller
Infrared (IR) 137 4 ft. x 13,123 In production.

RUAG Aerospace
Ranger Reconnaissance/surveillance/Target
11.1 18.7 670 1 X Solex/HH 197 4-cyl. 2-stroke
Un殉 (University supported) 83-400 40-100 mi. 16,000 In service in Switzerland.

Saat Industries
Seneca V-258
Reconnaissance/surveillance/Target acquisition
13.1 31.1 900 1 X 2-stroke, 2-stroke or 1.3 Heavy fuel
Sagem/Thales
Day/night camera 100 20,000 In production.

Sage Defense Security
Gecan R1000
Combat/transport
8 10.6 160 1 X 7hp
Sagem/Thales
Electroe (EO) 110 40,000 In service for communication planning, training, "hush and class."

Sage Defense Security
AR81 Surveillance
7.5 12.0 220 1 X 7hp
Sagem/Thales
Electro-Optic (EO) 120 1 hr./30 mi. 15,000 In service in Switzerland.

Rheinmetall Defence Electronics GmbH
KZO
Damage assessment/Reconnaissance/Target
7.5 11.0 355 1 X 75hp, 2-stroke, 2-piston, pusher propeller
Infrared (IR) 105 800 In production.

RUAG Aerospace
Ranger Reconnaissance/surveillance/Target
11.1 18.7 670 1 X Solex/HH 197 4-cyl. 2-stroke
Un殉 (University supported) 83-400 40-100 mi. 16,000 In service in Switzerland.

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