

GRUMMAN OV-1 MOHAWK

OV-1 SERVICE

Manufacturer: The Grumman Aircraft Engr. Corp., Bethpage, Long Is.,
New York, USA
(In 1969, became Grumman Aerospace Corp., Grumman Corp.)
Models: G-134, G-452
Designations: V-1 (OV-1); AO-1, OF
Name: Mohawk

First official flight: YAO-1A 14/04/1959
Factory production period: 1958 – 1970
Primary service period: 1961 – 1996
Last official flight: OV-1D 21/10/1996

OV-1 VARIANTS

1959	Model G-134	YAO-1A (YOV-1A)	9	Total: 009
1959	Model G-134	AO-1AF (OV-1A)	64	
1960	Model G-134	AO-1BF (OV-1B)	101	
1960	Model G-134	AO-1CF (OV-1C)	169	
1969	Model G-452	OV-1D	37	Total: 371
				<u>Total: 380</u>

OV-1 PRODUCTION

YAO-1A (YOV-1A)

*Service test, twin engined, STOL
observation aircraft for US Army.
Redesignated as YOV-1A in 1962.
produced 1958 – 1959*

Grumman Bethpage, New York (GR)
57-6463 / 57-6467 -
57-6538 / 57-6541 -

9 **Total: 009**

YOF-1 – Proposed OV-1 service test version for USMC, 4 prototypes cancelled.

AO-1AF (OV-1A)

*As YAO-1A, visual / photo reconn.
version, minor improvements.
Redesignated as OV-1A in 1962.
produced 1959 – 1965*

Grumman Bethpage, New York (GR)
59-2603 / 59-2620 1A / 18A
60-3720 / 60-3744 19A / 43A
63-13114 / 63-13134 44A / 64A

64 **Total: 064**

AO-1BF (OV-1B)

As AO-1AF, radar pod under forward fuselage, greater wingspan, later production with engine upgrade.

*Redesignated as **OV-1B** in 1962.*

produced 1960 – 1966

Grumman Bethpage, New York (GR)

59-2621 / 59-2637 1B / 17B

62-5859 / 62-5906 18B / 65B

64-14238 / 64-14273 66B / 101B

101 **Total: 101**

4 additional airframes cancelled.

AO-1CF (OV-1C)

As AO-1AF, electronics upgrade, later production with engine upgrade.

*Redesignated as **OV-1C** in 1962.*

produced 1960 – 1964, 1967 – 1969

Grumman Bethpage, New York (GR)

60-3745 / 60-3761 1C / 17C

61-2675 / 61-2728 18C / 71C

62-5849 / 62-5858 72C / 81C

81

Grumman Stuart, Florida (GR)

66-18881 / 66-18896 82C / 97C

67-18897 / 67-18932 98C / 133C

68-15930 / 68-15965 134C / 169C

88 **Total: 169**

OV-1D

As YO-1D, engine upgrade.

*17 **OV-1B** / 63 **OV-1C** also upgraded.*

produced 1969 – 1970

Grumman Stuart, Florida (GR)

68-16990 / 68-16996 -

69-16997 / 69-17026 -

37 **Total: 037**

23 additional airframes cancelled.

AO-1EF (OV-1E) – Projected upgrade of AO-1AF (OV-1A), cancelled.

Model G-134E – Proposed tilt-wing version, cancelled.

Total: 380

OV-1 CONVERSIONS

US Army

JOV-1A 2 OV-1A, 1962, temporary armament upgrade for use in Vietnam.

JOV-1B 1 OV-1B, temporary ELINT conversion.

JOV-1C 1+ OV-1C, temporary armed gunship conversions.

RV-1C 1+ OV-1C, ELINT conversions.

GOV-1D 2 OV-1D, ground instructional airframes.

JOV-1D 4 OV-1D, temporary ELINT conversions.

RV-1D 31 OV-1B, 1977, tactical reconnaissance conversions.

EV-1E 16 OV-1B, electronic warfare conversions, none converted.

RV-1E 18 16 OV-1B / 2 OV-1C, 1972, ELINT conversions, cancelled.

(Model G-452) YOY-1D

- 4 OV-1C(67-18898, 67-18899, 67-18902, 67-18905), 1967, factory prototypes for battlefield surveillance and target acquisition.
- (NOV-1D) 1 YOY-1D, permanent conversion for tests.

FOREIGN MILITARY AND CIVILIAN SERVICE

- *Mohawks in military service with Argentina and Israel.*
- *Mohawks used by the US government agencies – The Environmental Protection Agency, NASA, US Customs Service and the US Geological Survey.*
- *Several Mohawks sold on the civil market to private buyers as Warbirds.*