RCAF Grumman Goblin Serials

RCAF S/N	Designer	Manufacturer	Name	Model #	C/N		
334	Grumman	Canada Car & Foundry Fort William	Goblin	G-23	137		
	First assigned to the School of Army Cooperation in Rockcliffe, ON. To No. 118 (F) Sqn, in Rockcliffe, ON as of 21 Feb 1941 (coded <u>RE*A</u>) and then to Dartmouth, NS as of Jul 1941. To 123 (ACT) Sqn on 4 Nov 1941. Stored as of 16 Feb 1942. Broken up at No. 6 RD Trenton on 21 Apr 42.						
	TOS: 15 October	1940	SOS: 2	SOS : 21 April 1942			
335	Grumman	Canada Car & Foundry Fort William	Goblin	G-23	138		
	First assigned to the School of Army Cooperation in Rockcliffe, ON. To No. 118 (F) Sqn, in Rockcliffe, ON as of 21 Feb 1941 (coded RE*Y) and then to Dartmouth, NS as of Jul 1941. To 123 (AC) Sqn on 4 Nov 1941. Cat "C" accident while at Rockcliffe on 12 Jan 42; no details available. Allotted for carbon monoxide tests on 18 Feb 1942. Stored as of end-Feb 1942. Broken up at No. 6 RD Trenton on 21 Apr 42.						
	TOS: 1 October 1	940	SOS: 21 April 1942				
336	Grumman	Canada Car & Foundry Fort William	Goblin	G-23	139		
	First assigned to the School of Army Cooperation in Rockcliffe, ON. To No. 118 (F) Sqn, in Rockcliffe, ON as of 21 Feb 1941 and then to Dartmouth, NS as of Jul 1941. A week after the Sqn's arrival at Dartmouth from Rockcliffe on 23 Jul 1941, #336 took off to practice low-flying "surprise" attacks with Sqt R.M. Bryant at the controls. At approximately 16:00 hrs, the a/c was seen diving towards Lawrencetown Lake at very low level. The a/c struck a electric power pole bordering a nearby road, ripped one wing off, and then crashed into the swampy shore of the lake about 350 yards away. The pilot was thrown clear of the wreckage but had been fatally injured upon impact. The airframe was totally destroyed. The poor forward visibility from the cockpit was noted as a contributing factor for the accident.						
	TOS: 15 October	1940	SOS : 2	2 September 194	41 - Cat "A" write-off		
337	Grumman	Canada Car & Foundry Fort William	Goblin	G-23	140		
	ON as of 21 Feb of Squadron, RCAF	the School of Army Cooperation 1941 (coded <u>RE*G</u>) and then so Station Derbert, NS, Jan and 6 RD for disposal.	to Dartmouth	n, NS as of Jul 19	941. With No. 123 (ACT)		

Allocated to the Test and Development Flight at RCAF Station Rockcliffe, ON, in Nov 1940 for cockpit heater tests. Assigned to the School of Army Cooperation in Rockcliffe, ON. To No. 118 (F) Sqn, in Rockcliffe, ON as of 21 Feb 1941 (coded RE*M) and then to Dartmouth, NS as of Jul 1941. To stored reserve as 16 Feb 1942.

Goblin

SOS: 21 April 1942

G-23

141

TOS: 24 September 1940 **SOS**: 21 April 1942

Canada Car & Foundry

Fort William

TOS: 25 October 1940

Grumman

338

339 Grumman Canada Car & Foundry Goblin G-23 142
Fort William

Allocated to the Test and Development Flight at RCAF Station Rockcliffe, ON, in Apr 1941 for engine temperature tests. Then assigned to the School of Army Cooperation in Rockcliffe, ON. The a/c suffered a wheels up landing on 12 Jul 1941 at Rockcliffe, ON; assessed as Cat "C" damage. With To No. 118 (F) Sqn, in Rockcliffe, as of 21 Feb 1941 and then to Dartmouth, NS as of Jul 1941. With No. 123 (ACT) Squadron, RCAF Station Derbert, NS, in Jan and Feb 1942. Broken up at No 4 RD in Scoudouc, NB

TOS: 15 October 1940 **SOS**: 21 April 1942

340 Grumman Canada Car & Foundry Goblin G-23 143
Fort William

First flown as a company demonstrator, CF-BLK; this registration issued to Canada Car & Foundry Ltd. on 9 September 1938. Demonstrated to RCAF at Rockcliffe, ON in late 1938. First assigned to the School of Army Cooperation in Rockcliffe, ON. To No. 118 (F) Sqn, in Rockcliffe, ON as of 24 Feb 1941 and then to Dartmouth, NS as of Jul 1941. With No. 123 (ACT) Squadron, RCAF Station Derbert, NS, January and February 1942. Broken up at No 4 RD in Scoudouc, NB

TOS: 30 September 1940 **SOS:** 21 April 1942

341 Grumman Canada Car & Foundry Goblin G-23 144
Fort William

To No. 118 (F) Sqn, in Rockcliffe, ON as of 24 Feb 1941 and then to Dartmouth, NS as of Jul 1941. (coded <u>RE*N</u>)". With No. 123 (ACT) Squadron, RCAF Station Derbert, NS, January and February 1942. Broken up at No 4 RD in Scoudouc, NB

TOS: 21 September 1940 **SOS:** 21 April 1942

342 Grumman Canada Car & Foundry Goblin G-23 145
Fort William

Accepted by the Test and Development Flight at Fort William, ON on 17 September 1940 and later ferried to RCAF Station Rockcliffe, ON, for a wide variety of flight tests and performance trials until Jan 1941. Assigned to the School of Army Cooperation in Rockcliffe, ON. To No. 118 (F) Sqn, in Rockcliffe, ON as of 26 Feb 1941 and then to Dartmouth, NS as of Jul 1941. With No. 123 (ACT) Squadron, RCAF Station Derbert, NS, January and February 1942. To stored reserve as 16 Feb 1942. Transferred to No 6 RD for disposal.

TOS: 17 September 1940 **SOS:** 21 April 1942

343 Grumman Canada Car & Foundry Goblin G-23 146
Fort William

First assigned to the School of Army Cooperation in Rockcliffe, ON. To No. 118 (F) Sqn, in Rockcliffe, ON as of 24 Feb 1941 and then to Dartmouth, NS as of Jul 1941. Suffered a Cat "C" accident while at Dartmouth; while turning around on the runway while taxying, the wheel assembly collapsed. Ferried to RCAF Station Scoudouc, NB, for storage, May 1942.

TOS: 24 September 1940 **SOS:** 21 April 1942

344 Grumman Canada Car & Foundry Goblin G-23 147
Fort William

First assigned to the School of Army Cooperation in Rockcliffe, ON. To No. 118 (F) Sqn, in Rockcliffe, ON as of 24 Feb 1941 (coded <u>RE*W</u>) and then to Dartmouth, NS as of Jul 1941. On 24 Sep 1941, suffered a Cat "B" accident near Cow Bay; no details available. In Feb 1942, the engine and forward cowling of #344 were damaged during a firing exercise. Prior to the accident the armourers were having a great deal of difficulty removing the machine gun blast tubes due to moisture in the air rusting them to the the muzzle attachment of the guns. An enterprising armourer created an unauthorized local modification using some clamps. The mod passed test firing of 200 rounds in the butts on the ground but ultimately failed while in the air blocking the muzzle and causing damage to the immediate surroundings. This modification had not been formally authorized or reviewed and fortunately #344 was the only a/c affected. Ferried to RCAF Station Scoudouc, NB, for storage, May 1942.

TOS: 25 September 1940 **SOS:** 21 April 1942

345	Grumman	Canada Car & Foundry	Goblin	G-23	148
		Fort William			

First assigned to the School of Army Cooperation in Rockcliffe, ON. To No. 118 (F) Sqn, in Rockcliffe, ON as of 24 Feb 1941 and then to Dartmouth, NS as of Jul 1941. Cat "B" crash at Dartmouth on 5 August 1941. The a/c had been participating in a dive-bombing practice mission with other Goblins in cooperation with the Royal Navy. On returning to land, as the blue section lead, #345 came into land first. The u/c was selected down but upon touchdown the gear collapsed and the a/c bounced and quickly nosed over, before slowly settling onto its back. The pilot was uninjured. The Board of Inquiry concluded that the pilot had failed to confirm that the u/c was fully down and locked and recommended that a suitable lighting or horn system be installed to confirm that the u/c was either fully down and locked or fully retracted. To Clarke Ruse Aircraft Ltd. on 20 Aug 1941. The airframe was not repaired and #345 was reduced to spares and produce after the accident at No. 4 RD as of 8 Sep 1941.

TOS: 30 September 1940 SOS: 8 September 1941

346	Grumman	Canada Car & Foundry	Goblin	G-23	150
		Fort William			

First assigned to the School of Army Cooperation in Rockcliffe, ON. To No. 118 (F) Sqn, in Rockcliffe, ON as of 24 Feb 1941 and then to Dartmouth, NS as of Jul 1941. Category "B" accident on 29 July 1941 at Lawrencetown, NS. #346 had taken off with another Goblin in order practice air combat. After take-off, #346 climbed to 4,000 ft and commenced mock attacks on the other a/c. The engine then quit while in level flight. Unable to re-start the engine, the pilot executed a forced landing in a marsh at the north end of the field. The a/c touched the ground and flipped over onto its back. The pilot was uninjured. Carburetor icing was the suspected cause of the accident. The fuselage of the airframe was buckled and the wings were badly damaged. Consequently, #346 was written off and reduced to spares and produce as of Sep 1941.

TOS: 1 October 1940 SOS: September 1941

347	Grumman	Canada Car & Foundry	Goblin	G-23	151
		Fort William			

First assigned to the School of Army Cooperation in Rockcliffe, ON. To No. 118 (F) Sqn, in Rockcliffe, ON as of 24 Feb 1941 (coded RE*V) and then to Dartmouth, NS as of Jul 1941. Suffered Cat "C" accident on 27 Nov 1941 while at Dartmouth; accident details not available. Ferried to RCAF Station Scoudouc, NB, for storage, May 1942.

TOS: 15 October 1940 **SOS:** 21 April 1942

348 Grumman Canada Car & Foundry Fort William	Goblin G-23	152
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First assigned to the School of Army Cooperation in Rockcliffe, ON. To No. 118 (F) Sqn, in Rockcliffe, ON as of 24 Feb 1941 and then to Dartmouth, NS as of Jul 1941. With No. 123 (ACT) Squadron, RCAF Station Derbert, NS, January and February 1942. Broken up at No 4 RD in Scoudouc, NB

TOS: 1 October 1940 **SOS:** 21 April 1942

Additional Notes:

The history of this aircraft within the RCAF is very brief. The 15 Grummans *Goblins* were reluctantly acquired by the RCAF after protracted (1+ year) negotiations with Canadian Car & Foundry Ltd. The Goblins were finally ferried to Rockcliffe from the Fort William factory and were taken on RCAF strength in September and October 1940. The *Goblins* were then briefly used by only four units as follows:

- The School of Army Cooperation, RCAF Station Rockcliffe, ON
- The Test & Development Flight, RCAF Station Rockcliffe, ON
- · No. 118 (F) Squadron, RCAF Station Dartmouth, NS
- No. 123 (ACT) Squadron, RCAF Station Derbert, NS

On 5 March 1942, the Canadian Army requested some radial aircraft engines for use in its technical training schools. The RCAF leaped at the chance to dispose of what was left of the *Goblin* fleet, and on 6 April 1942, the Air Council ordered the five *Goblins* at Rockcliffe and seven stored at Scoudouc, New Brunswick, to be broken up and their

Wright *Cyclone* F53 engines given to the Army. These twelve remaining airframes had only flown between 67 and 164 flight hours each since new.

Abbreviations:

C/N = Construction Number

(F) = (Fighter)

NB = New Brunswick (Canada)
NS = Nova Scotia (Canada)
ON = Ontario (Canada)
QC = Quebec (Canada)

RCAF = Royal Canadian Air Force SOS = Struck Off Strength

S/N = Serial Number

Stn = Stn

TOS = Taken On Strength

RCAF RANKS

Aircraftman, 2nd Class -AC2 Aircraftman, 1st Class -AC1 Leading Aircraftman -LAC Corporal -Cpl Sergeant -Sqt Flight Sergeant -F/Sat Warrant Officer, Class II -WO II Warrant Officer, Class I -WO I Pilot Officer -P/O Flying Officer -F/O Flight Lieutenant -F/L Squadron Leader -S/L Wing Commander -W/C Group Captain -G/C Air Commodore -A/C Air Vice-Marshal -A/V/M Air Chief Marshal -A/C/M

Aircraft (or Air Vehicle) Damage Level (ADL) Categories: 1

The Canadian Forces ADL is a qualitative categorization system used to determine the level of damage sustained by an aircraft / air vehicle during an occurrence. The following damage level definitions are used to reflect the degree of damage:

Category "A" = Destroyed / missing: The aircraft has been totally destroyed, is assessed as having suffered damage beyond economical repair or is declared missing; **NB** - Aircraft totally destroyed are normally written off the inventory. Accidents with a lower ADL may also subsequently result in administrative write-off of the aircraft for reasons not directly related to the damage.

Category "B" = Very Serious: The aircraft has sustained damage to multiple major components;

Category "C" = Serious: The aircraft has sustained damage to a major component;

Category "D" = Minor: The aircraft has sustained damage to non-major components; and

Category "E" = Nil: The aircraft, including the power plant, has not been damaged.

Number of RCAF Goblin Category "A" crashes = 1 (~ 7 % of the total fleet)

¹ Drawn from: A-GA-135-001/AA-001 Manual of Flight Safety for the Canadian Forces

References

Library & Archives Canada:

- Grumman Goblin G-23 No. 344. 1941. File. RG24-E-14. File # 1100-3-44. File # C-5929.
- Grumman Goblin G-23 No. 345. 1941. File. RG24-E-14. File # 1100-3-45. File # C-5929.
- Grumman Goblin G-23 No. 346. 1941. File. RG24-E-14. File # 1100-3-46. File # C-5929.
- Grumman Goblin G-23 No. 336. 1941. File. RG24. File # 1700-336. File # T-12340.
- RG24 RCAF Operational Record Books T&D Flight Microfilm # C-12217

Websites:

http://rwrwalker.ca/RCAF_301_350_detailed.htm