

As Delivered: The Original Schemes

1. CH-113 s/n 10403, ca. 1964

Delivery scheme. White over blue 502-103 (FS 15065) with rotor pylons red 509-102 (FS 11310). Black painted exhaust stain area. Fuselage flash is 6" red/white/red with thin black border. ROYAL CANADIAN AIR FORCE is 4" red letters with black borders and shadows. Last three of s/n is 12" white numbers on rear fuselage, 8" white under doors. RESCUE in 21" Day-glo Red on both sides. Red Ensign on tail is 47", below is s/n in 6" white numbers. 24" RCAF Roundel with narrow white surround on sponson sides.

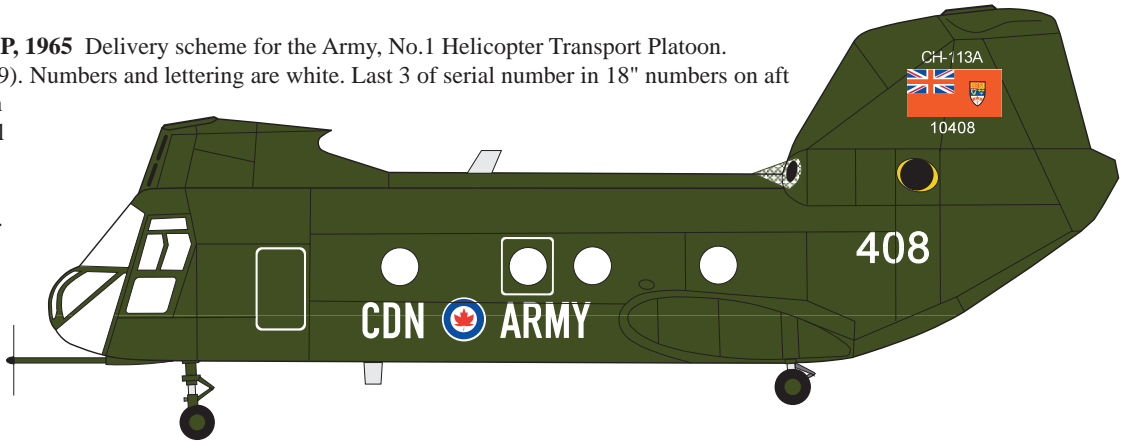
Ref: Kokufan No.77, p43.



2. CH-113A s/n 10408, No.1 HTP, 1965 Delivery scheme for the Army, No.1 Helicopter Transport Platoon.

Overall Green 503-120 (FS 14079). Numbers and lettering are white. Last 3 of serial number in 18" numbers on aft fuselage, 47" Red Ensign flag on tail, 6" CH-113A above, 6" serial number below. 24" CDN and ARMY flanks 24" RCAF style roundel with thin white surround. The font for these letters is NOT standard RCAF style. No black painted exhaust stain area.

Ref: IPMS/Canada Colour Guide



Belcher Bits Decal BD19: Labrador/Voyageur & Chinook 1/48

The CH-113 Labrador / Voyageur has a long and varied history. Six CH-113

Labradors were purchased for the Search and Rescue role in 1962, initially operating out of CFBs Trenton, Greenwood and Comox. In 1964, twelve similar CH-113A Voyageurs were obtained for the transport role; these machines had a tail-mounted APU and smaller sponsons. When replaced by the Chinook, Voyageurs were diverted to the SAR role; both Labradors and Voyageurs were eventually re-built to the same standard through the SARCU program (although keen observers could still tell the two types apart). These machines were replaced in service by the EH Industries CH-149 Cormorant starting in 2002.

In 1975, the first of seven CH-147 Chinooks was delivered to replace the CH-113A Voyageur in the transport helicopter role with 450 Squadron (later 447 Squadron). They were retired in 1991 as a cost-cutting measure and sold to the Dutch. As of 2007, a decision has been made to re-acquire some Chinooks for support to troops in Afghanistan.

This decal sheet allows the modeller to build virtually any CH-113 (Labrador or Voyageur) during their service, and a CH-147 in any of the operational schemes in which it served. The decal sheet is generic, and although specific aircraft are illustrated, there should be enough numbers to do just about any aircraft desired.

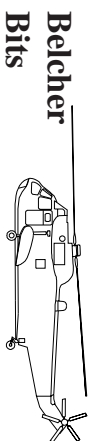
References:

1. Canadian Armed Forces Aircraft Finish and Markings by Patrick Martin, 1997
2. Royal Canadian Air Force Aircraft Finish and Markings by Patrick Martin, 2003
3. IPMS Canada RT Vol 25 No. 2 and Vol 25 No. 4/5
4. Walkaround photos on www.aircraftresourcecenter.com

Other 1/48 Belcher Bits decal sets available:

- BD1: Canadian Naval Helicopters; 2 x HO4S-3, 3 x CH 124,
- BD2: Canadian Air Force Helicopters: H-19, H-34, 4 x CH 136, 1 x CH 139, 3 x CH 118, 3 x CH 135
- BD6: CF-104 Starfighter
- BD9: CF-101 Voodoo
- BD14: CF-5 Freedom Fighter

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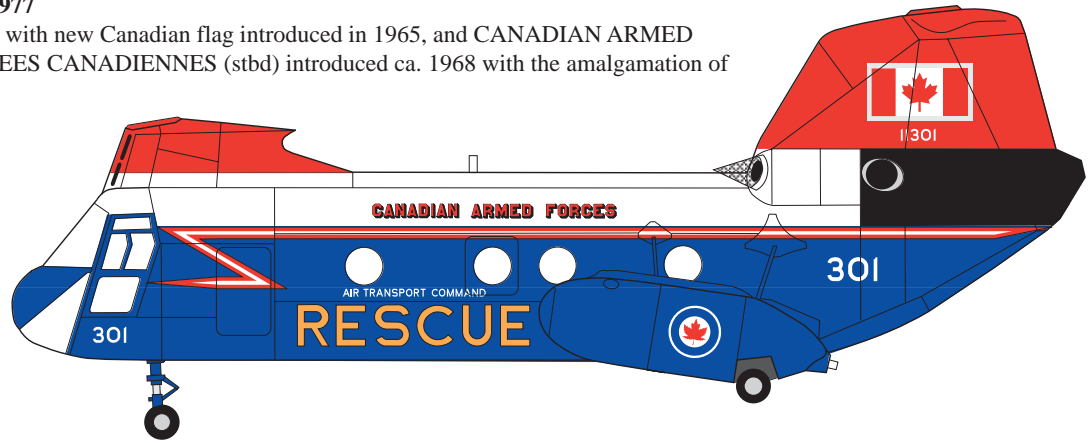
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3. CH-113 s/n 11301, Gander ca. 1977

As delivery scheme (see page 1), but with new Canadian flag introduced in 1965, and CANADIAN ARMED FORCES (port side) FORCES ARMEES CANADIENNES (stbd) introduced ca. 1968 with the amalgamation of the forces. Note the 4" white AIR TRANSPORT COMMAND above the rescue placard. Note that by this time, the Labradors had been upgraded with tail-mounted APUs. Specifications state for this period RESCUE on port side, SAUVETAGE on starboard.

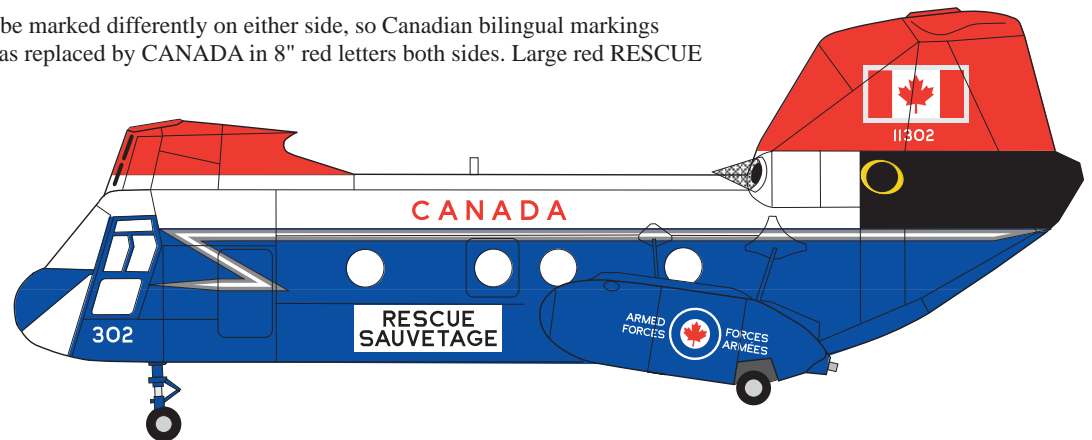
Ref: Seek and Save p.108



4. CH-113 s/n 11302, AETE, 1980

ICAO rules state that aircraft cannot be marked differently on either side, so Canadian bilingual markings changed around 1973. CAF / FAC was replaced by CANADA in 8" red letters both sides. Large red RESCUE - SAUVETAGE in 8" black letters on white placard. The roundel on the sponson is now a Roundel - Ident with white letters. The rear last 3 has been removed

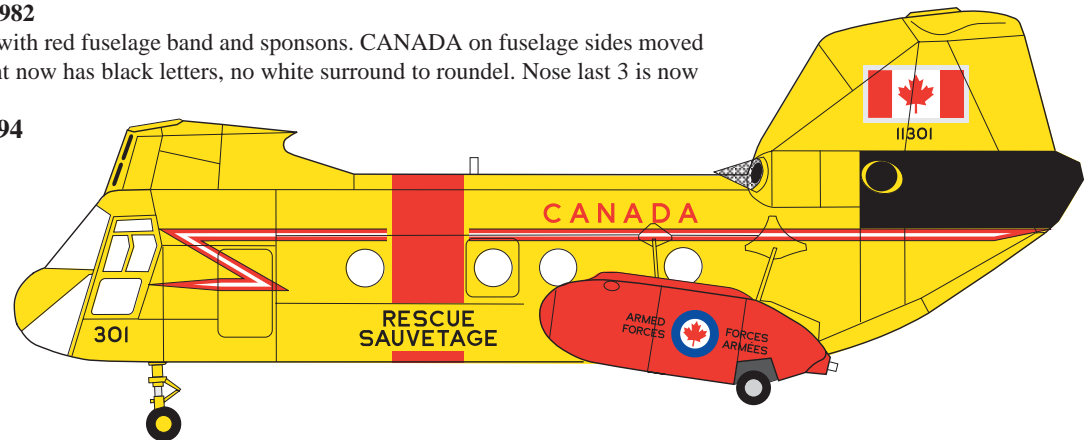
Ref: DND Photo AEC80-38-1



5. CH-113 s/n 11301, Gander ca. 1982

Overall yellow 505-101 (FS 13538) with red fuselage band and sponsons. CANADA on fuselage sides moved back to clear red band. Roundel-Ident now has black letters, no white surround to roundel. Nose last 3 is now black.

Ref: RT DND Photo GAC 82-694

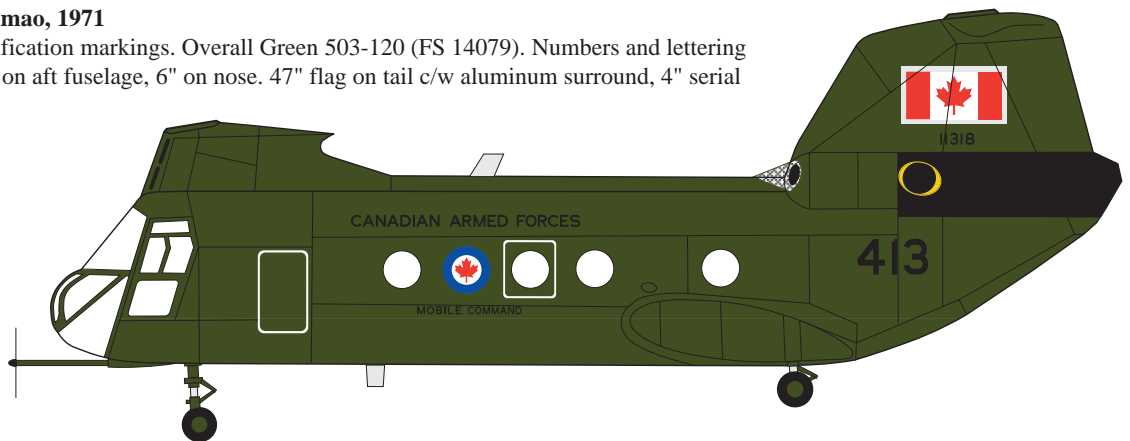


6. CH-113A s/n 10413, CFB Namao, 1971

First Voyager scheme in post-unification markings. Overall Green 503-120 (FS 14079). Numbers and lettering are black. Last 3 in 18" numbers on aft fuselage, 6" on nose. 47" flag on tail c/w aluminum surround, 4" serial number below. CANADIAN ARMED FORCES (port) / FORCES ARMEES CANADIENNES (stbd) in black 6" letters above 24" roundel, MOBILE COMMAND in 4" black letters below. Additional 24" roundel below about 12 feet back from nose. Black painted exhaust stain area behind exhaust.

Ref: IPMS/Canada

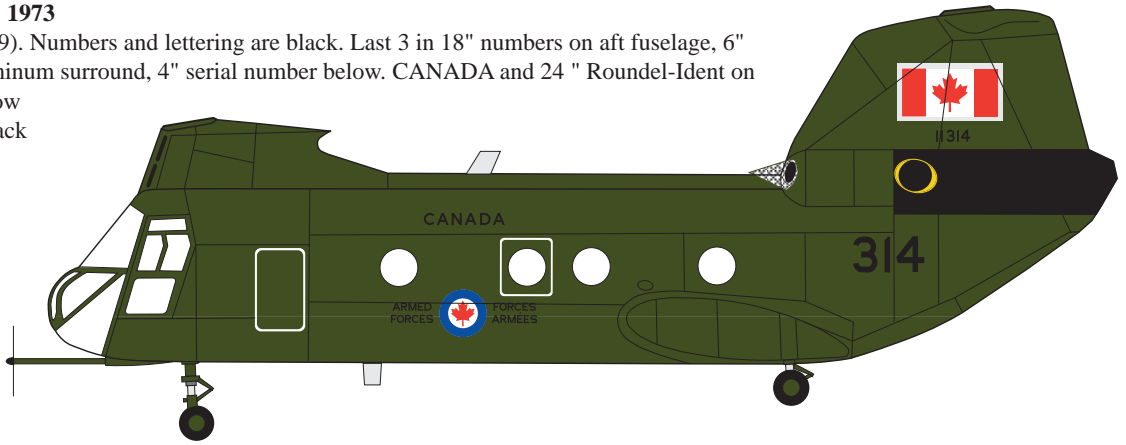
Colour Guide



7. CH-113A s/n 11314, 450 Sqn, 1973

Overall Green 503-120 (FS 14079). Numbers and lettering are black. Last 3 in 18" numbers on aft fuselage, 6" on nose. 47" flag on tail c/w aluminum surround, 4" serial number below. CANADA and 24" Roundel-Ident on sides, additional 24" roundel below about 12 feet back from nose. Black painted exhaust stain area behind exhaust.

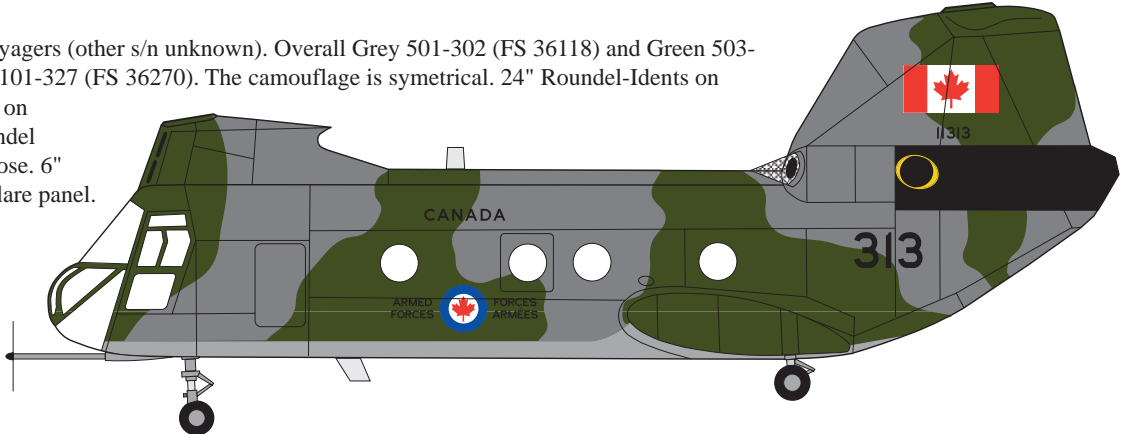
Ref: IPMS/Canada Colour Guide



8. CH-113A s/n 11313, 1974

One of only two camouflaged Voyagers (other s/n unknown). Overall Grey 501-302 (FS 36118) and Green 503-301 (FS 34064) over Light Grey 101-327 (FS 36270). The camouflage is symmetrical. 24" Roundel-Idents on side, 6" CANADA and 18" last 3 on fuselage rear. There is a 24" Roundel below, about 12 feet back from nose. 6" black last 3 on nose below anti-glare panel. 47" Flag on tail, 6" serial number in black below.

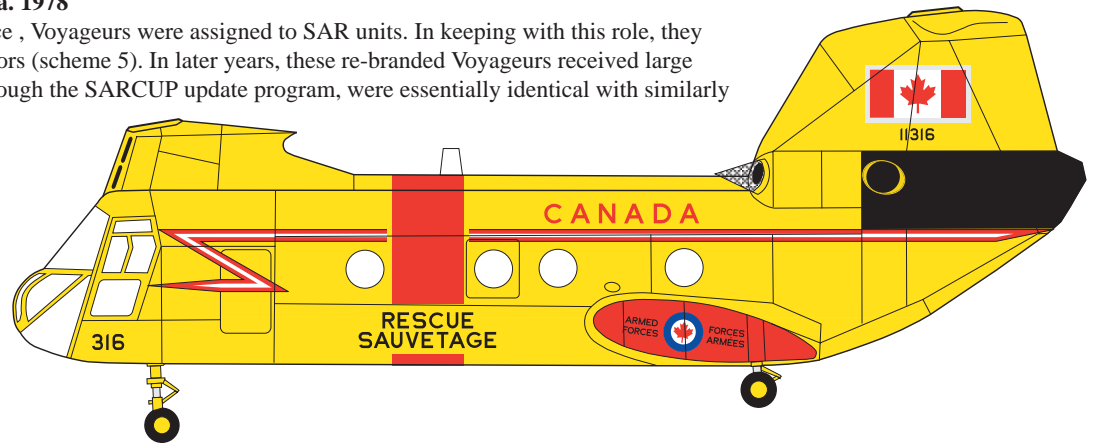
Ref: CAF Markings p.63



9. CH-113 s/n 11316, Trenton(?) ca. 1978

When the Chinooks came into service, Voyagers were assigned to SAR units. In keeping with this role, they were repainted similar to the Labradors (scheme 5). In later years, these re-branded Voyagers received large sponson fuel tanks and when run through the SARCUP update program, were essentially identical with similarly upgraded labradors. Overall yellow 505-101 (FS 13538) with red fuselage band and sponson (ends only). CANADA on fuselage sides moved back to clear red band. Roundel-Ident now has black letters, no white surround to roundel. Nose last 3 is now black.

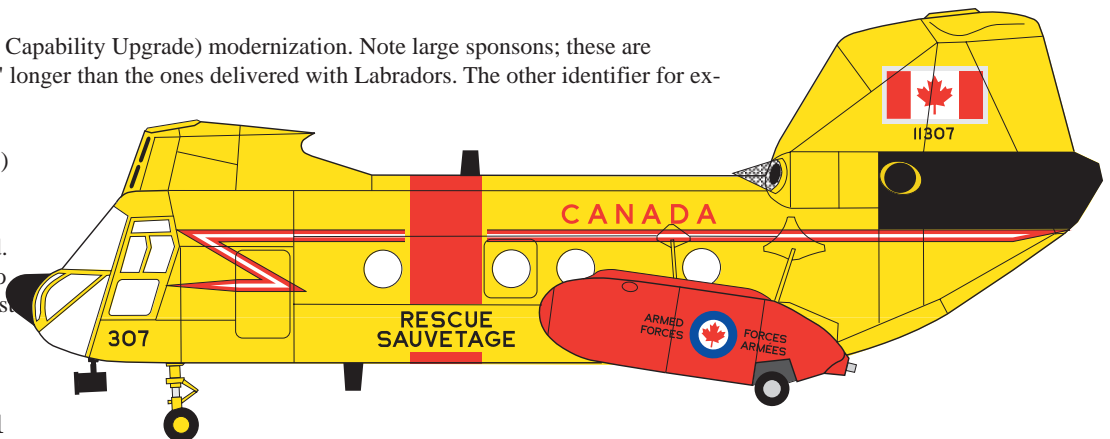
Ref: DND Photo SEC78-1694



10. CH-113A s/n 11307, 1992

Post SARCUP (Search and Rescue Capability Upgrade) modernization. Note large sponsons; these are Kawasaki KV 107 parts, and are 9" longer than the ones delivered with Labradors. The other identifier for ex-Voyagers is the additional clear panels in the forward nose area. Overall yellow 505-101 (FS 13538) with red fuselage band and sponsons. CANADA on fuselage sides moved back to clear red band. Roundel-Ident has black letters, no white surround to roundel. Nose last 3 is black. Note black radome and searchlight.

Ref: DND Photo IOC92-25-11

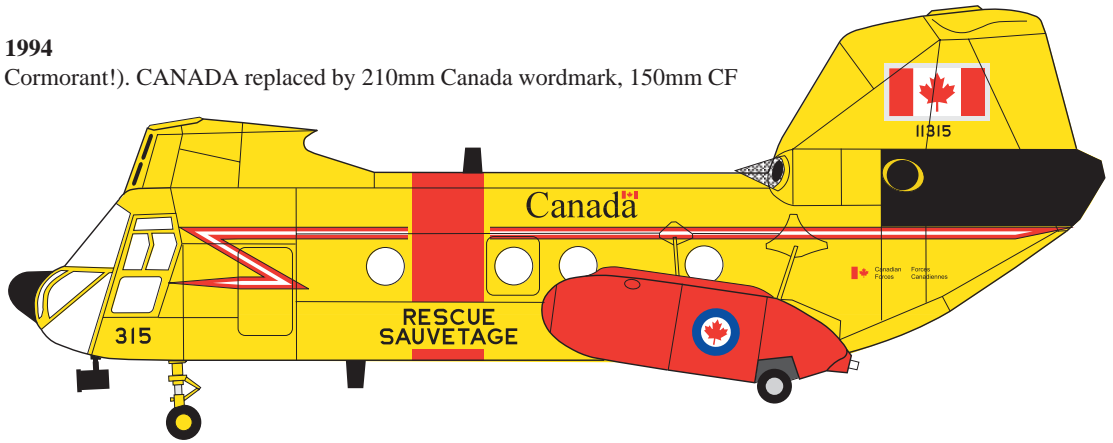


11. CH-113A s/n 11315, 424 Sqn, 1994

Final operational scheme (Roll on, Cormorant!). CANADA replaced by 210mm Canada wordmark, 150mm CF signature on rear fuselage, simple roundel on sponson vs. Roundel-Ident.

Note that original build Labradors have also been upgraded through SARCUP and carry identical markings

Ref: CAF Markings p.65

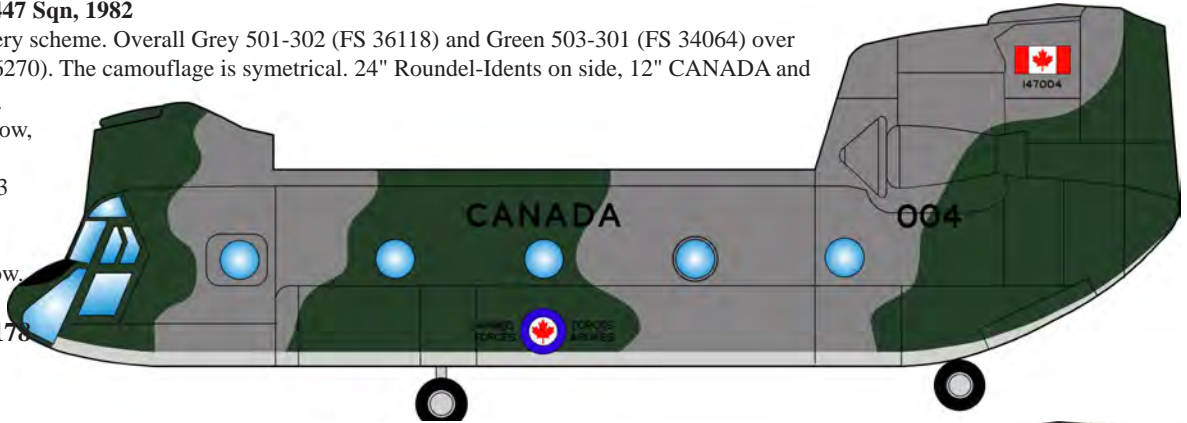


12. CH-147 s/n 147004, 447 Sqn, 1982

This is typical of the delivery scheme. Overall Grey 501-302 (FS 36118) and Green 503-301 (FS 34064) over Light Grey 101-327 (FS 36270). The camouflage is symmetrical. 24" Roundel-Idents on side, 12" CANADA and 12" last 3 on fuselage rear..

There is a 24" Roundel below, about even with the front landing gear. 6" black last 3 on nose below anti-glare panel. 29" Flag on tail, 4" serial number in black below.

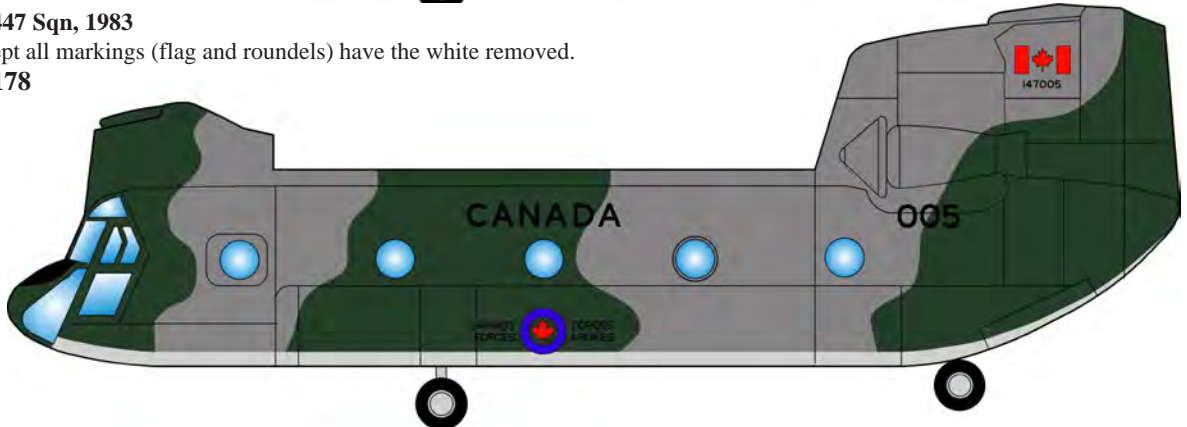
Ref: Cdn Markings p.178



13. CH-147 s/n 147005, 447 Sqn, 1983

Identical to scheme 1, except all markings (flag and roundels) have the white removed.

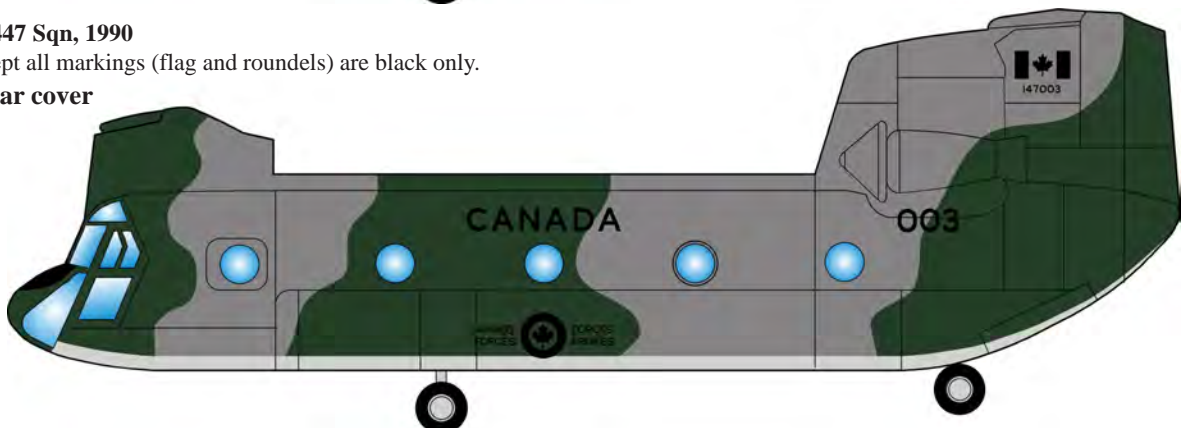
Ref: Cdn Markings p.178



14. CH-147 s/n 147003, 447 Sqn, 1990

Identical to scheme 1, except all markings (flag and roundels) are black only.

Ref: Cdn Markings, rear cover



Modelling the CH113 and CH147 in 1/48 Academy makes several 1/48 CH-46 variants; the JASDF KV-107-II-5 kit (12205) is the one to use to represent early Labradors. The CH-46A/D version (12210) is best for Voyageurs. To make later Labs or rebuilt Voyageurs, you will need the cylindrical tanks of the JASDF with the 'A' tail of the CH-46 kit . No-one said modelling was cheap! As of Spring 2007, there is an Italeri kit of the ACH-47A, but it is not really appropriate for the CH-147. Better to wait until the second release comes out which is supposed to represent a CH-47C.