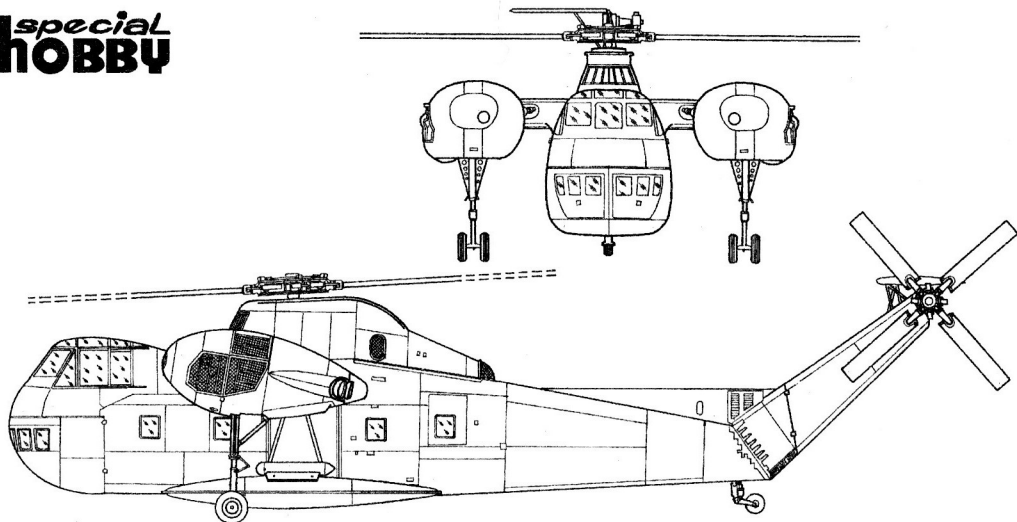



SH 72075
CH-37 Mojave
1/72
(GB)

In 1950 US Navy together with US Marines came out with specifications calling for big Assault Transport helicopter. The machine had to be capable of transporting 26 fully-equipped troops and also capable of being used for transportation of belly mounted cargoes or casualties.

According to these specifications, Sikorsky company begun design works on twin engined helicopter under factory designation S-56. Four prototypes with military designation XHR2S-1 were ordered in 1951. After successful trials US Marines had ordered series production of HR2S-1 that started to be delivered in 1956. The first machines passed difficult tests that led to changes in R-2800 engines cooling, addition of ventral fin and some additional modifications. Eventually, fifty five HR2S-1s were assigned to units. Pilots unofficially named the machine Deuce.

US Army was also very interested in the powerful helicopter. After testing one prototype series of modified S-56 designated H-37A and later modernized to H-37B version. The machines got the combat name Mojave. Under the 1962 United States Tri-Service aircraft designation system were the H-37A redesignated to CH-37A, H-37B to CH-37B and HR2S-1 to CH-37C.

HR2S-1s were assigned to HMH-461 and 462 operational squadrons, Army H-37s served both in USA and Germany.

Both US Marines and US Army machines were deployed to Vietnam. They served mainly for weapons and troops transports to combat zones. Also, they were used for transport of damaged helicopters slung below the fuselage.

The surviving machines were handed over to National Guards and eventually displaced in 1974.

Technical data:

Main rotor diameter: 21.95m, Tail rotor diameter: 4.57m, Fuselage length: 19.76m, Max. Speed: 209 kmh, Max. Climb rate: 4362 m/s, Service ceiling: 2 650m, Range: 233m

(CZ)

V roce 1950 společně vedení US NAVY a US Marines zformulovalo požadavky na velký „útočný, vylodovací a výsadkový vrtulník“. Stroj měl být schopen přepravy celého ozbrojeného družstva, zároveň měl být použitelný například k přepravě raněných nebo transportu nákladů pod trupem.

Dle těchto požadavků začala firma Sikorsky konstruovat dvumotorový typ pod továrním označením S-56. V roce 1951 byly objednány čtyři prototypy s vojenským označením XHR2S-1. Na základě úspěšných zkoušek objednalo US Marines sériové vrtulníky HR2S-1. Ty začalo US Marines přebírat v roce 1956. První stroje prošly náročnými testy, na jejichž základě byly uskutečněny změny v chlazení motorů R-2800, byl přidán křídlo a provedeny další úpravy. Nakonec bylo do výzbroje zařazeno padesát pět kusů HR2S-1. Od pilotů obdržely neoficiální přezdívku Deuce.

US Army projevilo o výkonný vrtulník velký zájem. Po vyzkoušení jednoho prototypu objednalo sérii upravených S-56 pod označením H-37A, později modernizovaných na verzi H-37B. Stroje dostaly bojové jméno Mojave. V rámci unifikace označení v roce 1962 byly H-37A přeznačeny na CH-37A, H-37B na CH-37B a HR2S-1 na CH-37C.

HR2S-1 sloužily u operačních squadron HMH-461 a 462, armádní H-37 sloužily jak na území USA, tak v Německu.

Stroje jak US Marines, tak US Army se dočkaly nasazení ve Vietnamu. Sloužily zejména k přepravě zbraní a vojáků do bojových prostorů. Používaly byly i k transportu poškozených vrtulníků na závěsu pod trupem.

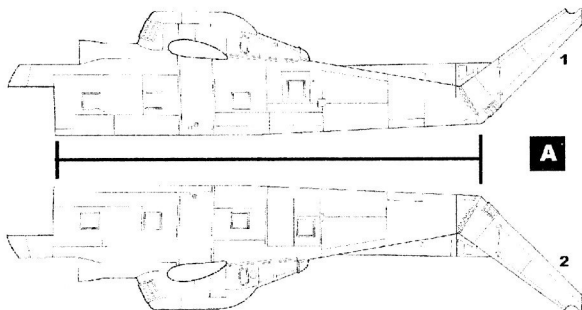
Prežijící stroje byly předány jednotkám Národní Gardy a vyřazeny byly definitivně v roce 1974

Tech. údaje:

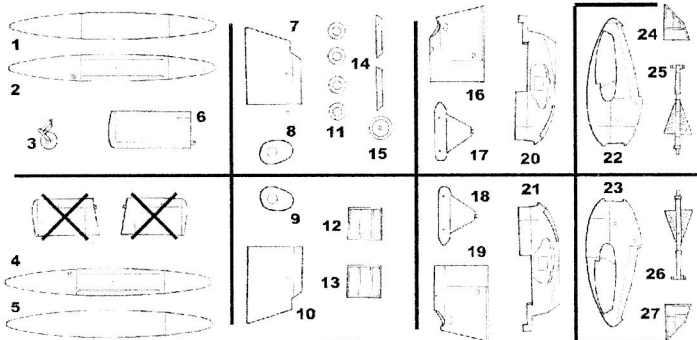
Průměr hl. rotoru: 21,95 m, průměr vyr. rotoru: 4,57 m, délka trupu: 19,76 m, max. rychlost: 209 km/h, max. stoupavost: 4,62 m/s, dostup: 2 650 m, dolet: 233 m

We would like to thank to Mr. Donald Hinton and Ralph B. Young for their invaluable help during the preparation of this kit.

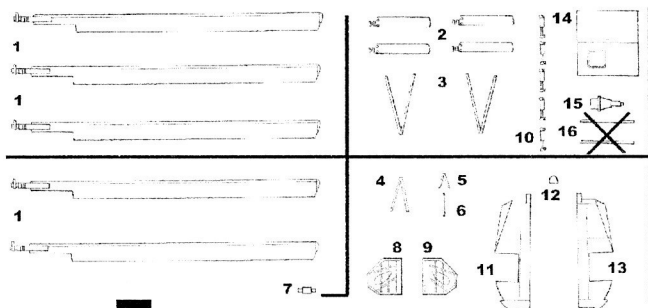
Děkujeme Donu Hintonovi a Ralphu B. Youngovi za jejich neocenitelnou pomoc při přípravě tohoto modelu.



A

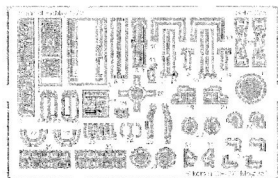


B



C

**PHOTO-ETCHED
PARTS
(PP)**



Volta
Optional
Nach belieben
Option



Odstanit
Remove
Entfernen
Bretacher



Lepidla na kov
Glue for metal
Metallkleber
Colle a metal



Obtisk
Decal
Abziehbilder
Decalque

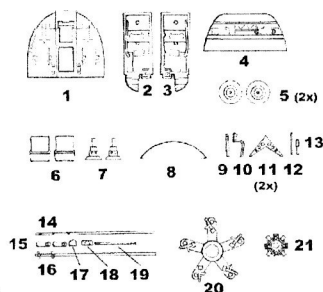


Barva
Color
Farbton
Peinture

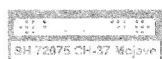


Clear fix

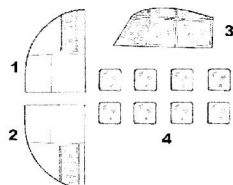
**POLYURETHAN
PARTS
(PUR)**



FILM (F)

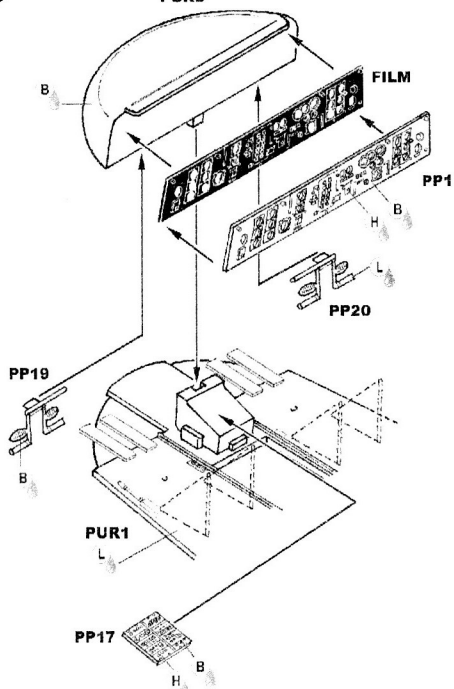


**CLEAR PARTS
(CP)**

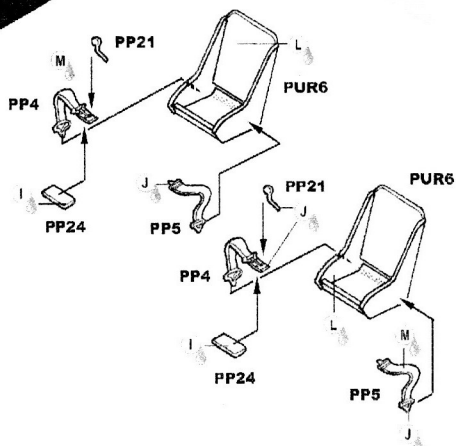


A	<i>Bílá/White</i>	<i>H21/C69</i>
B	<i>Černá/Black</i>	<i>H12/C33</i>
C	<i>Rezavá/Rust</i>	<i>H344</i>
E	<i>Pneu. šedá/Tyre Black</i>	<i>H77/C137</i>
F	<i>Tmavý kov/Dark Iron</i>	<i>MC214</i>
G	<i>Interiérová žlutá/Interior Yellow</i>	<i>H313/C313</i>
I	<i>Kůže/Leather</i>	<i>H17/C29</i>
J	<i>Chromová/Chrome</i>	<i>MC211</i>
K	<i>Ocel. šedá/Steel Grey</i>	<i>H75/C25</i>
D	<i>Žlutá/Yellow</i>	<i>H4/C4</i>
H	<i>Stříbrná/Silver</i>	<i>H8/C8</i>
L	<i>Interiérová šedá/Interior Grey</i>	<i>H308/C308</i>
M	<i>Platno/Linen</i>	<i>H85/C45</i>
N	<i>Červená/Red</i>	<i>H3/C3</i>
O	<i>Lesklá olivová/Gloss Olive Drab</i>	<i>H78/C38</i>

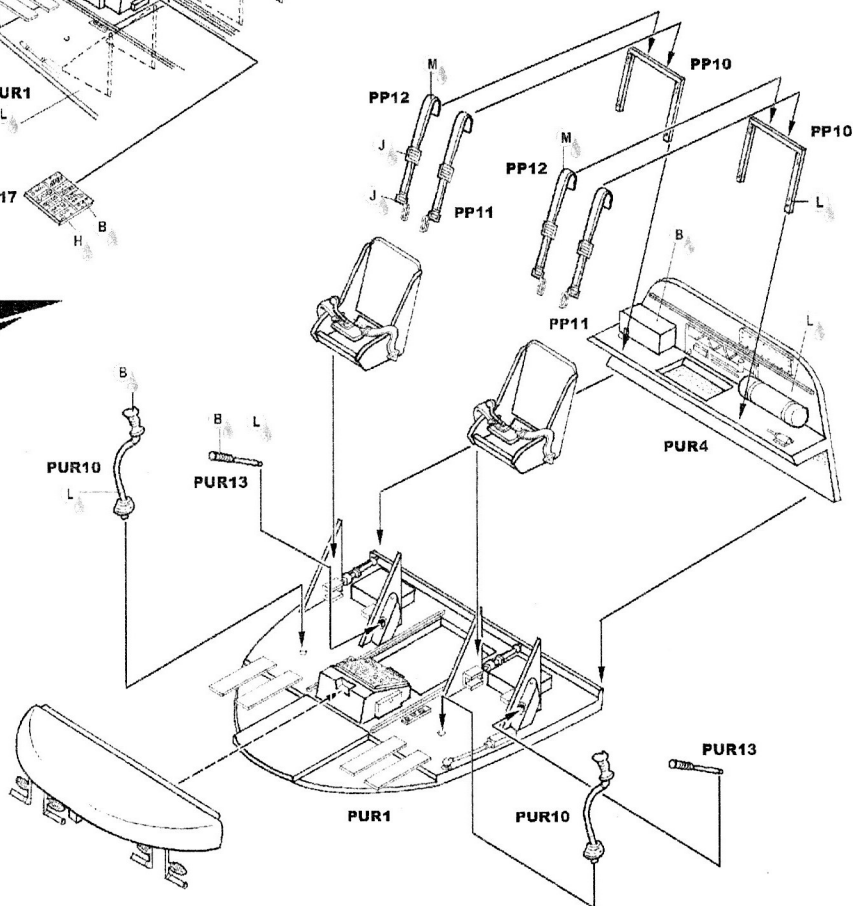
PUR8



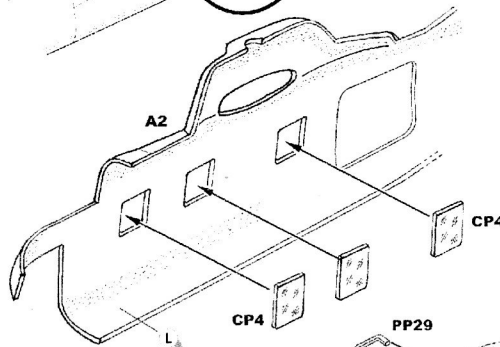
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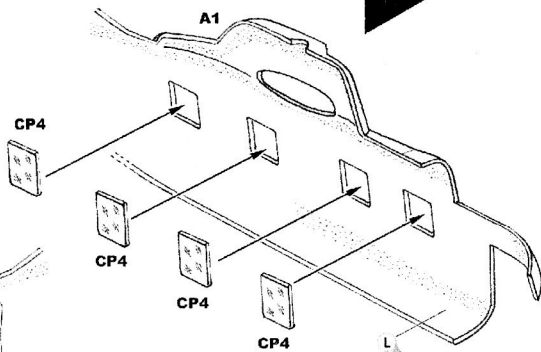
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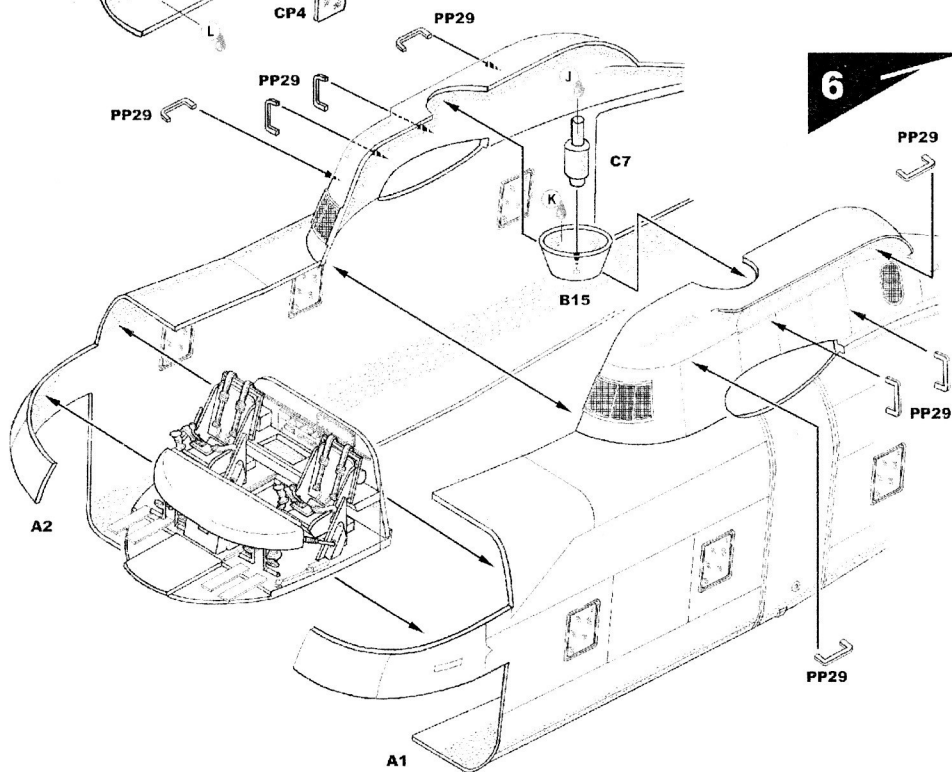
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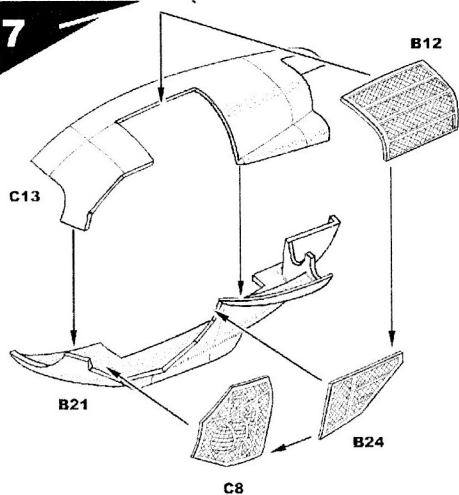
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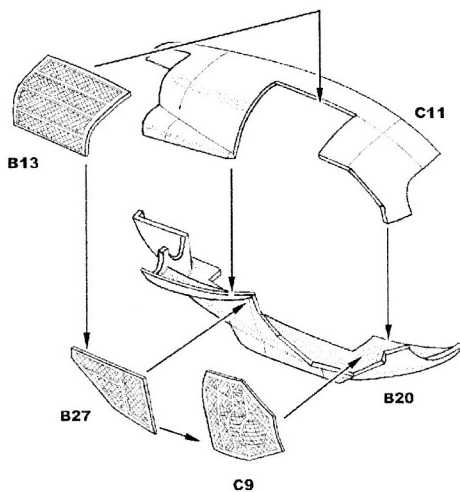
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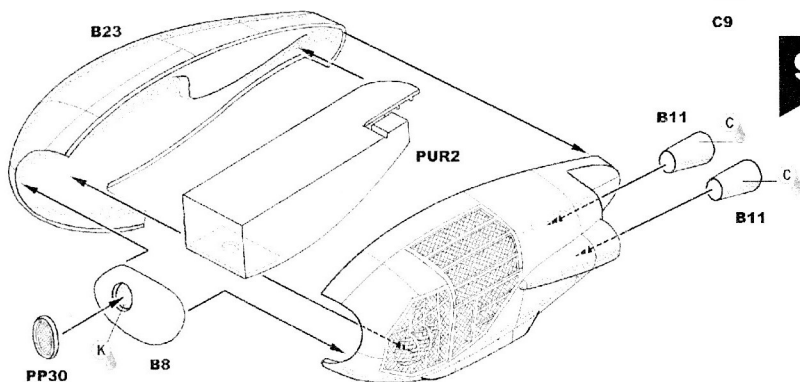
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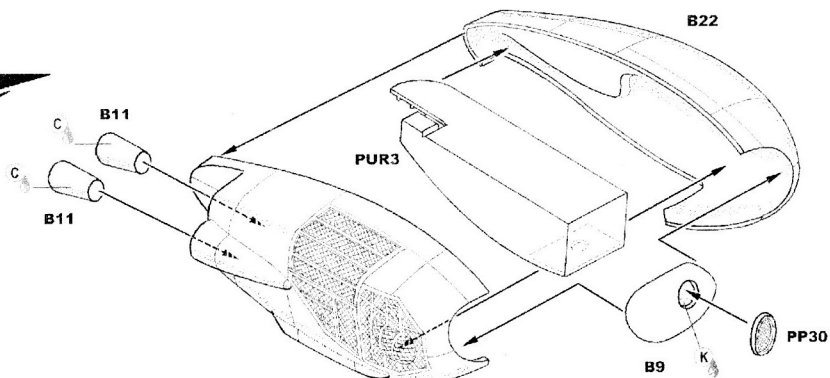
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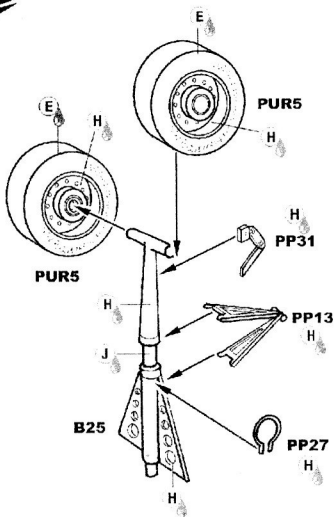
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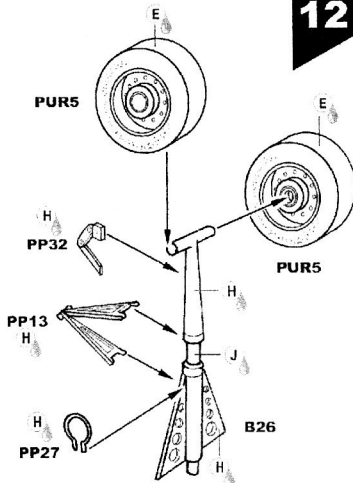
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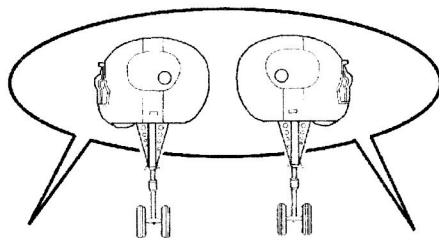
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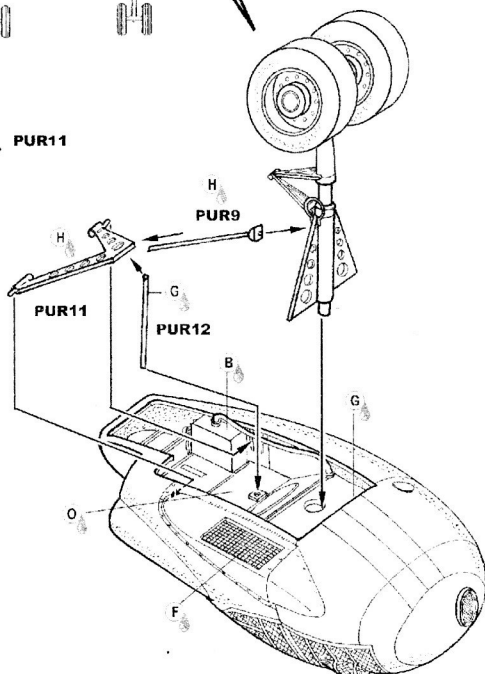
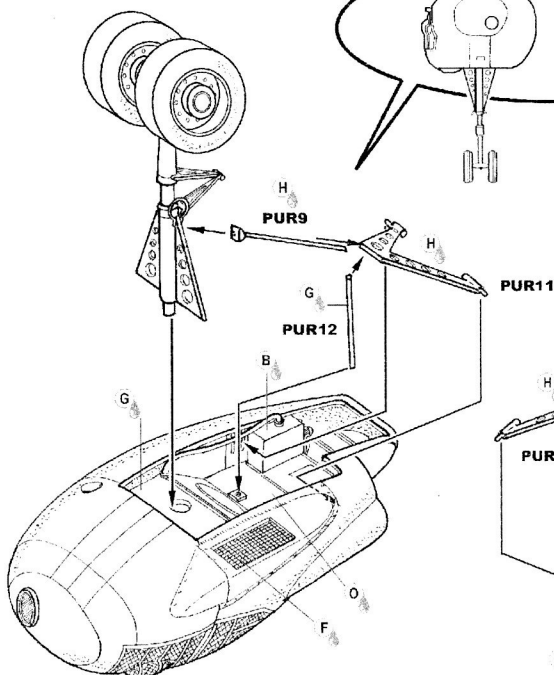
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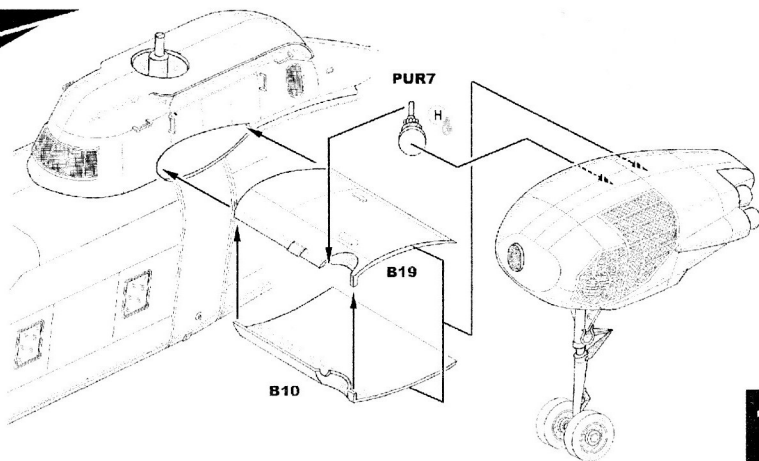
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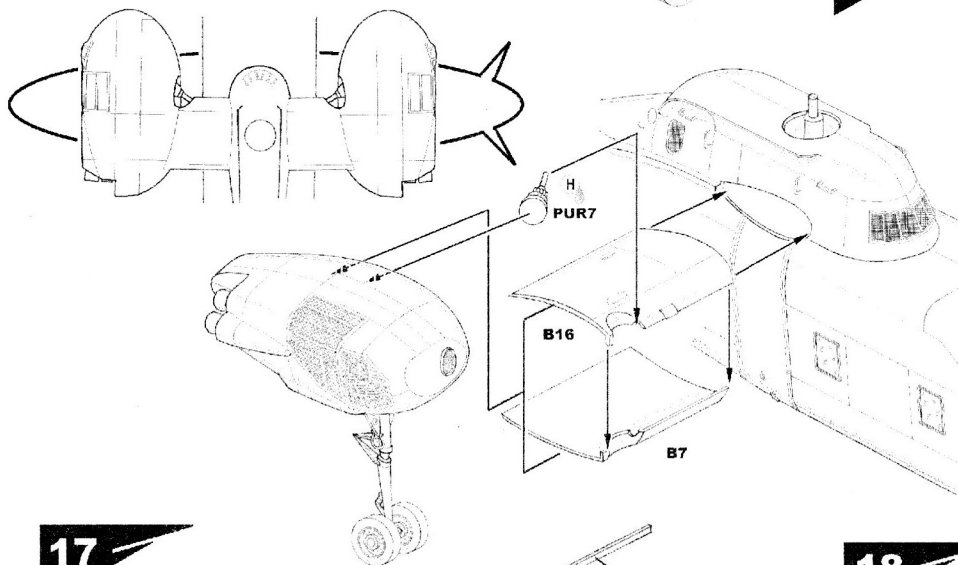
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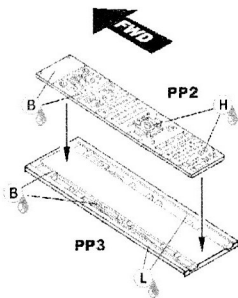
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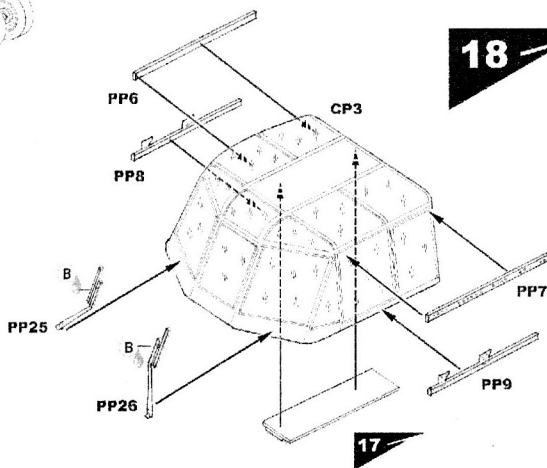
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17



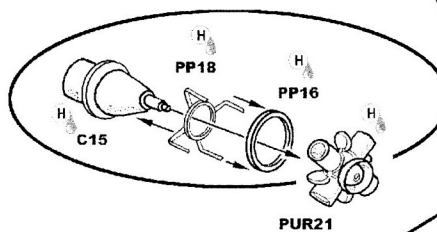
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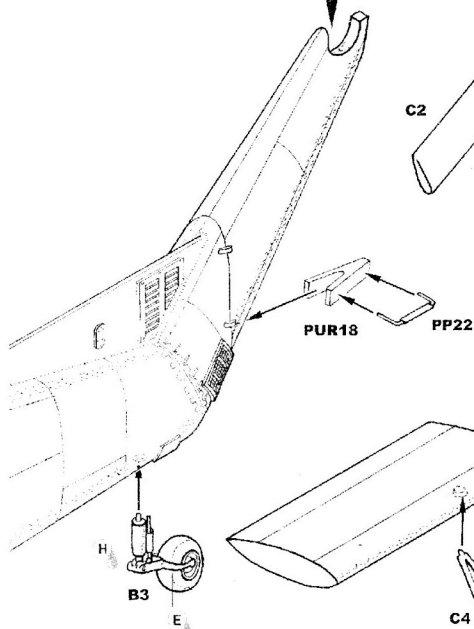
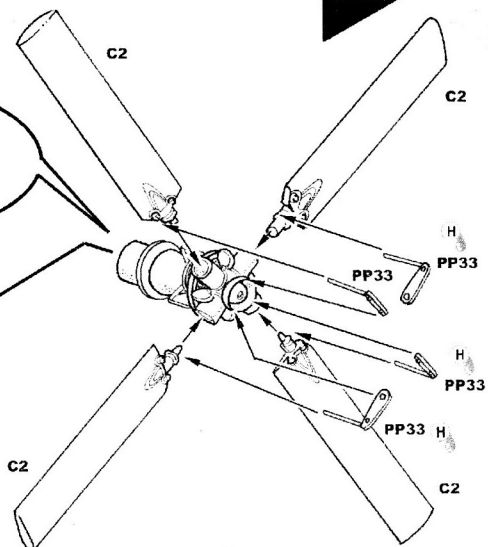
OHNOUT BEND



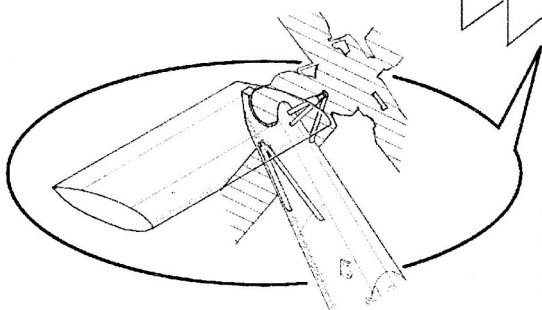
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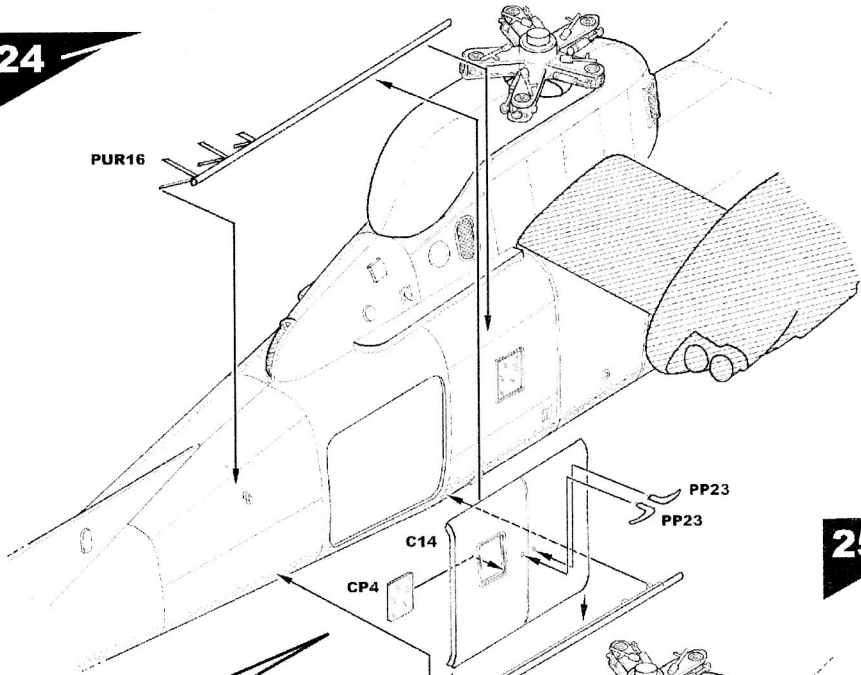
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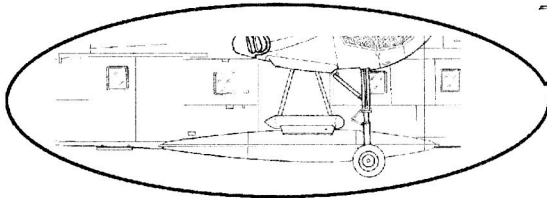
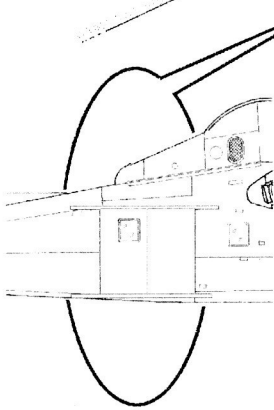
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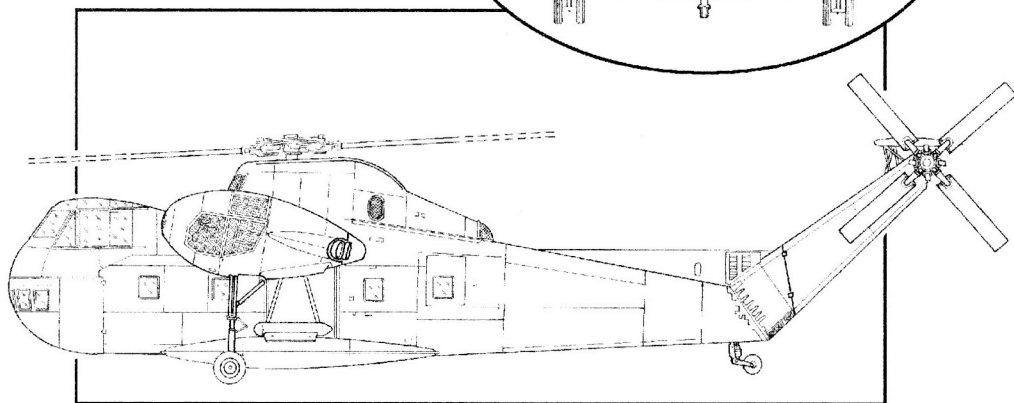
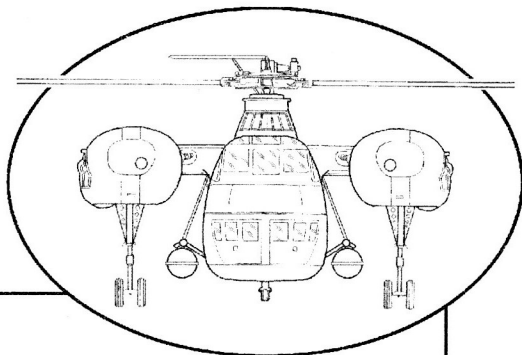
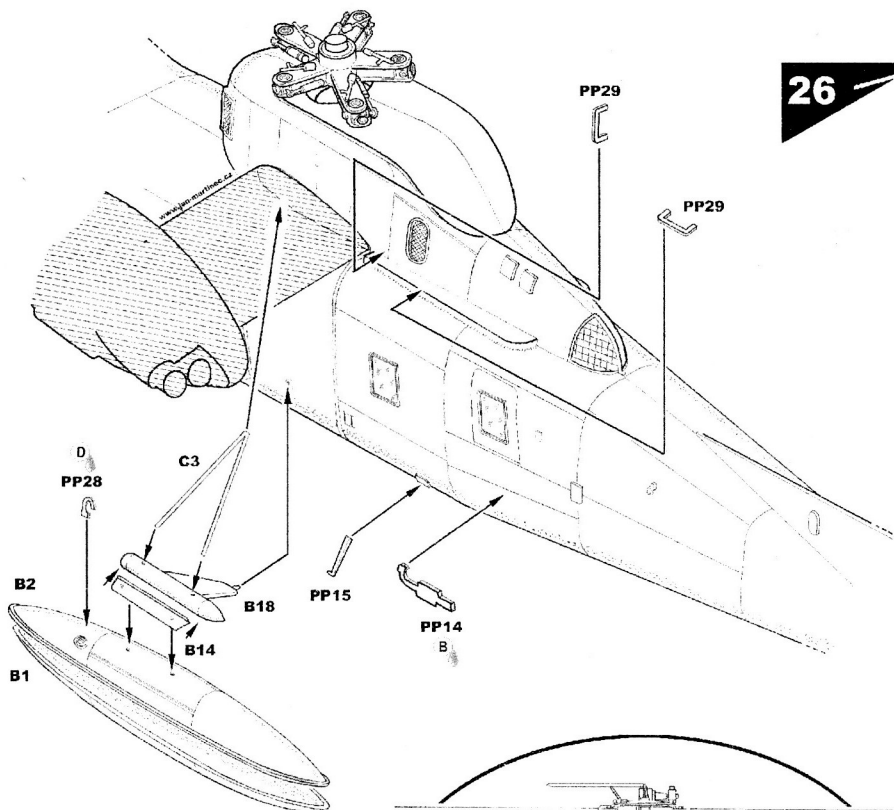


PUR16



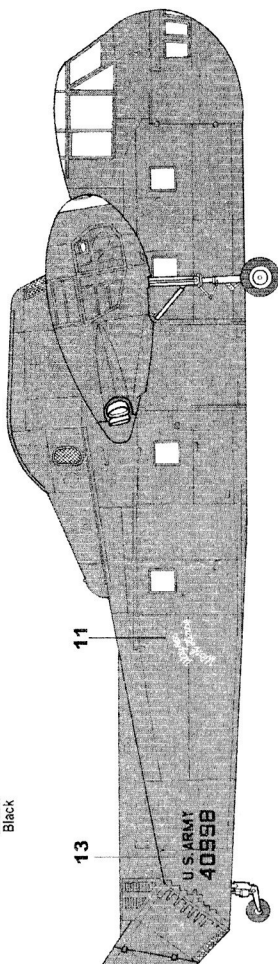
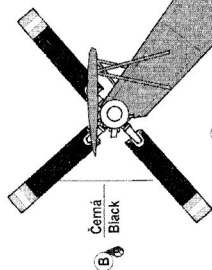
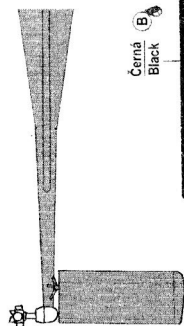
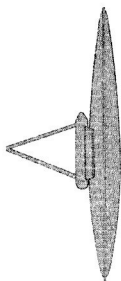
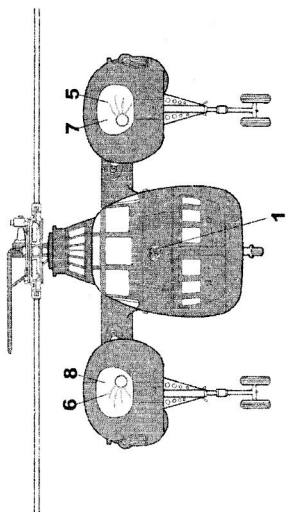
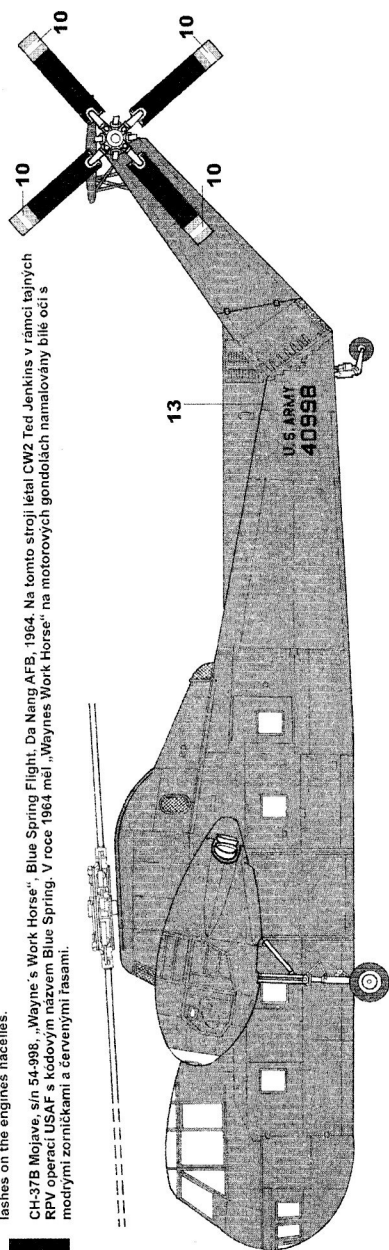
PUR14

C
PUR17



CH-37B Mojave, s/n 54-398, "Wayne's Work Horse", Blue Spring Flight, Da Nang, 1964. This machine was flown by CW2 Ted Jenkins as a part of the USAF secret RVP operations, code named "Blue Spring", in 1964 the "Wayne's Work Horse" sported white eyeballs with blue pupils and red flashes on the engine nacelles.

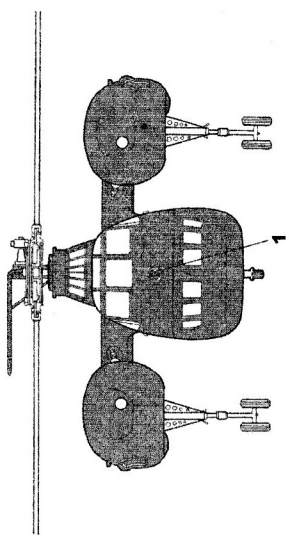
CH-37B Mojave, s/n 54-998, „Wayne's Work Horse“, Blue Spring Flight, Da Nang AFB, 1964. Na tomto stroji létal CW2 Ted Jenkins v rámci tajných RVN operací USAF s kódovým názvem Blue Spring. V roce 1964 měl „Waynes Work Horse“ na motorových gondolách namalovaný bílý od s modrými zorníčkami a červenými řasami.



Lesklá olivová
Gloss Olive drab



CH-37B Mojave, s/n 54-898, „Waynes's Work Horse“, Blue Spring Flight, Da Nang AFB, 1965. Počátkem roku 1965 byly odstraněny modré zorníčky a červené fasý z blízkých očí na motorových gondolách „Waynes Work Horse“.



 Černá
Black

Černá
Black

Černá
Black

Lesklá olivová
Gloss Olive drab

