

R22

PILOT'S OPERATING HANDBOOK

AND APPROVED ROTORCRAFT FLIGHT MANUAL FOR ROTORCRAFT REGISTERED IN BRAZIL

THIS AIRCRAFT FLIGHT MANUAL IS APPROVED BY THE FAA ON BEHALF OF THE "AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL" FOR BRAZILIAN REGISTERED AIRCRAFT, IN ACCORDANCE WITH THE "REGULAMENTO BRASILEIRO DE AVIAÇÃO CIVIL" – RBAC 21, SECTION 21.29.

HELICOPTER SERIAL NO. _____

HELICOPTER REGISTRATION NO. _____

SECTIONS 2, 3, 4, 5, AND 9

APPROVED BY: _____ *Hieu Tang*

for MANAGER, FLIGHT TEST BRANCH, ANM-160L
FEDERAL AVIATION ADMINISTRATION
LOS ANGELES AIRCRAFT CERTIFICATION OFFICE
TRANSPORT AIRPLANE DIRECTORATE

DATE: *August 21, 2008*

THIS ROTORCRAFT SHALL BE OPERATED IN ACCORDANCE WITH THE LIMITATIONS AND INSTRUCTIONS HEREIN ESTABLISHED.

ROBINSON HELICOPTER COMPANY
TORRANCE, CALIFORNIA


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FAA APPROVED
R22 PILOT'S OPERATING HANDBOOK

BRAZILIAN SUPPLEMENT

This supplement together with the Brazil-specific cover page (replacing the standard cover page) must be included in the FAA-approved Robinson R22 Pilot's Operating Handbook for Brazilian-registered aircraft.

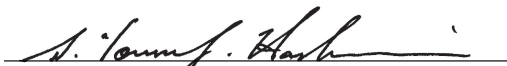
The information contained herein supplements or supersedes the basic manual only in those areas listed in this supplement. For limitations, procedures, and performance information not contained in this supplement, consult the basic R22 Pilot's Operating Handbook.

APPROVED BY: 
MANAGER, FLIGHT TEST BRANCH, ANM-160L
FEDERAL AVIATION ADMINISTRATION
LOS ANGELES AIRCRAFT CERTIFICATION OFFICE,
TRANSPORT AIRPLANE DIRECTORATE

DATE: March 5, 2010

LOG OF REVISIONS

Page No.	Date	Page No.	Date
i	21 AUG 08	9-F1.5	02 JUN 17
9-F1.1	02 JUN 17	9-F1.6	02 JUN 17
9-F1.2	02 JUN 17	9-F1.7	02 JUN 17
9-F1.3	02 JUN 17	9-F1.8	02 JUN 17
9-F1.4	02 JUN 17	9-F1.9	02 JUN 17

REVISIONS
APPROVED BY: 
MANAGER, FLIGHT TEST BRANCH, ANM-160L
FEDERAL AVIATION ADMINISTRATION
LOS ANGELES AIRCRAFT CERTIFICATION OFFICE,
TRANSPORT AIRPLANE DIRECTORATE

DATE: June 2, 2017

SECTION 1: GENERAL No Change

SECTION 2: LIMITATIONS

PLACARDS

On both sides of vertical tail and tailcone:

PERIGO

(Danger)

On both doors, inside and out:

ABRIR

(Open)

TRAVAR

(Latch)

SECTION 2: LIMITATIONS (Cont'd)

PLACARDS (Cont'd)

Inside both baggage compartments:

<p style="text-align: center;">CUIDADO</p> <p>NÃO EXCEDA OS SEGUINTE LIMITES:</p> <ul style="list-style-type: none">● CARGA NO BAGAGEIRO: 23 KG (50 LB).● CARGA COMBINADA ASSENTO E BAGAGEIRO: 109 KG (240 LB).● PESO MÁX DO HELICÓPTERO. <p>PARA INSTRUÇÕES ADICIONAIS DE CARREGAMENTO CONSULTE O MANUAL DE VOO. EVITE COLOCAR OBJETOS NO BAGAGEIRO QUE POSSAM FERIR O OCUPANTE EM CASO DE POUSO FORÇADO.</p>
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(Caution

Do not exceed any of the following:

- **Compartment Capacity: 50 lb max.**
- **Combined seat plus compartment: 240 lb max.**
- **Rotorcraft gross weight limit**

See rotorcraft flight manual for additional loading instructions.

Avoid placing objects in compartment which could injure occupant if seat collapses during hard landing.)

Inside left seat baggage compartment (when HSI installed):

<p style="text-align: center;">PESO INSTALADO DO GIRO 2 KG (4,5 LB) A SER SUBTRAÍDO DA CAPACIDADE DO COMPARTIMENTO DE BAGAGENS</p>

(Weight of gyro inst'l. 4.5 lbs. to be subtracted from allowable compartment capacity)

SECTION 2: LIMITATIONS (Cont'd)

PLACARDS (Cont'd)

Inside left seat baggage compartment (when DME installed):

PESO INSTALADO DO DME 1,4 KG (3,0 LB)
A SER SUBTRAÍDO DA CAPACIDADE DO
COMPARTIMENTO DE BAGAGENS

(Weight of DME inst'l. 3.0 lbs. to be subtracted from allowable compartment capacity)

On left cabin floor:

PERIGO
ROTOR DE CAUDA
E
GASES QUENTES

(Danger
Tail Rotor
and
Hot Exhaust)

SECTION 2: LIMITATIONS (Cont'd)

PLACARDS (Cont'd)

Located near main fuel tank filler cap:

COMBUSTÍVEL
GASOLINA DE AVIAÇÃO MIN 100 OCT.

(Fuel
100 Oct Min Grade Aviation Gasoline)

Located near aux fuel tank filler cap:

COMBUSTÍVEL AUXILIAR
GASOLINA DE AVIAÇÃO MIN 100 OCT.
PARA GARANTIR O ABASTECIMENTO COMPLETO
DE COMBUSTÍVEL, COMPLETE O PRIMEIRO
TANQUE OUTRA VEZ APÓS TER COMPLETADO
O SEGUNDO TANQUE

(Aux Fuel
100 Oct Min Grade Aviation Gasoline
to ensure full fuel:
Fill the left tank first and
top off after filling aux tank)

Located on fuel caps:

CUIDADO: ALINHE AS LISTRAS

(Caution: Align stripes)

SECTION 2: LIMITATIONS (Cont'd)

PLACARDS (Cont'd)

Located on fuselage frame:

NÃO PISE

(No Step)

PISE AQUI

(Step here)

Located on main rotor hub:

NIVELE AQUI

(Step here)

Located near hard point:

CUIDADO: SOMENTE PARA AMARRAÇÃO DO
HELICÓPTERO
CARGA MÁXIMA 182 KG (400 LB)
NÃO APROVADO PARA CARGAS EXTERNAS

(Caution: For tiedown only
Max load 400 lbs
Not approved for external load)

Located on engine cooling panel:

EMPURRE PARA ABRIR

(Push to open)

Located above engine exhaust pipe:

PERIGO
GASES QUENTES

(Danger
Hot exhaust)

SECTION 2: LIMITATIONS (Cont'd)

PLACARDS (Cont'd)

Near each collective stick:

NÃO COLOQUE OBJETOS
MANTENHA O LOCAL LIVRE

(No stowage
Keep area clear)

In clear view of both occupants:

NÃO FUMAR

(No smoking)

Located on cowling door below aux fuel tank:

CUIDADO:
SEGURE O TUBO LONGE DA AERONAVE
ENQUANTO ESTIVER DRENANDO O
COMBUSTÍVEL VERIFIQUE SE O TUBO ESTÁ
VAZIO, SE A VÁLVULA ESTÁ FECHADA E SE O TUBO
ESTÁ SELADO COM A ABRAÇADEIRA
ANTES DE RETIRA-LO

(Caution
Hold tube clear of aircraft while draining fuel
check tube is empty, valve closed, and tube sealed
with clamp before stowing)

SECTION 2: LIMITATIONS (Cont'd)

PLACARDS (Cont'd)

Located on auxiliary fuel tank aft panel:

ÓLEO DA CAIXA DE TRANSMISSÃO
COMPLETE ATÉ O CENTRO DO
INDICADOR DE NÍVEL DAS CAIXA DE
TRANSMISSÃO PRINCIPAL E DA CAUDA
COM ÓLEO A257-2

(Gearbox Oil

Fill main and tail gear boxes to center of sight
glasses with A257-2 oil)

On underside of each main rotor blade tip:

NÃO PUXE A PÁ PARA BAIXO
LEVANTE A PÁ OPOSTA

(Never pull down
Push up opposite blade)

SECTION 3: EMERGENCY PROCEDURES No change.

SECTION 4: NORMAL PROCEDURES No change.

SECTION 5: PERFORMANCE No change.

SECTION 6: WEIGHT AND BALANCE No change.

SECTION 7: SYSTEM DESCRIPTION No change.

SECTION 8: HANDLING, SERVICING AND MAINTENANCE
No change.

SECTION 9: SUPPLEMENTS

The following supplements are approved by the FAA on behalf of the Agência Nacional de Aviação Civil (ANAC) for Brazilian registered aircraft, in accordance with the Regulamento Brasileiro da Aviação Civil (RBAC) 21, Section 21.29.

	Page
Police Version.....	9-3.1
Mariner/Mariner II.....	9-4.1
ADS-B Equipment.....	9-9.1

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