

**FAA APPROVED  
R66 PILOT'S OPERATING HANDBOOK  
URUGUAYAN SUPPLEMENT**

This supplement must be included in the FAA-approved Robinson R66 Pilot's Operating Handbook for Uruguayan 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 R66 Pilot's Operating Handbook.

APPROVED BY: **Nevada Jo Ryan** Digitally signed by Nevada Jo Ryan  
Date: 2019.11.01 16:15:47 -07'00'  
Manager, West Flight Test Section, AIR-716  
Federal Aviation Administration  
Los Angeles

DATE: 01 NOV 2019

**LOG OF PAGES**

Page No.	Date	Page No.	Date
9-F8.1	01 Nov 19	9-F8.7	01 Nov 19
9-F8.2	01 Nov 19	9-F8.8	01 Nov 19
9-F8.3	01 Nov 19	9-F8.9	01 Nov 19
9-F8.4	01 Nov 19	9-F8.10	01 Nov 19
9-F8.5	01 Nov 19	9-F8.11	01 Nov 19
9-F8.6	01 Nov 19	9-F8.12	01 Nov 19

**SECTION 1: GENERAL**      No change.

**SECTION 2: LIMITATIONS**

**PLACARDS**

On both sides of vertical tail and tailcone:

PELIGRO

(Danger)

On all doors, outside:

ABRIR

(Open)

On all doors, inside:

PARA CERRAR: DESLIZAR MANIJA HACIA ATRAS Y HACIA ABAJO  
PARA ABRIR: LEVANTAR MANIJA Y DESLIZAR HACIA ADELANTE

(To close: Slide handle aft and down  
To open: Lift handle and slide forward)

Near lock on rear cabin doors:

EMPUJE PARA BLOQUEAR  
NO BLOQUEAR EN VUELO

(Push to lock  
Do not lock in flight)

Inside cabin above each door:

SALIDA

(Exit)

**SECTION 2: LIMITATIONS (Cont'd)**

**PLACARDS (Cont'd)**

Inside each under-seat compartment:

PRECAUCION  
NO EXCEDER LOS SIGUIENTES LIMITES:  
● CAPACIDAD DEL  
COMPARTIMIENTO: 23 KG (50 LB)  
● ASIENTO Y COMPARTIMIENTO  
COMBINADOS: 136 KG (300 LB)  
● LINEA DE LLENADO MAXIMO  
CONSULTAR EL MANUAL DE VUELO  
DEL PILOTO PARA OBTENER  
INSTRUCCIONES ADICIONALES  
DE CARGA.

(Caution

Do not exceed any of the following:

- Compartment capacity: 50 lb (23 kg)
- Combined seat plus compartment: 300 lb (136 kg)
- Max fill line

See Pilot's Handbook for additional loading instructions.)

**SECTION 2: LIMITATIONS (Cont'd)**

**PLACARDS (Cont'd)**

Inside main baggage compartment:

<p><b>PRECAUCION</b></p> <ul style="list-style-type: none"><li>● CARGA MAXIMA DISTRIBUIDA EN EL PISO: 244 KG/M<sup>2</sup> (50 LB/FT<sup>2</sup>)</li><li>● CARGA MAXIMA TOTAL: 136 KG (300 LB)</li></ul>
---

(Caution

- Maximum distributed floor load: 50 lb/ft<sup>2</sup> (244 kg/m<sup>2</sup>)
- Maximum total compartment load: 300 lb (136 kg)

or

<p><b>PRECAUCION</b></p> <ul style="list-style-type: none"><li>● CARGA MAXIMA DE EQUIPAJE: 136 KG (300 LB) SIN EL TANQUE AUXILIAR 45 KG (100 LB) CON EL TANQUE AUXILIAR DE 165 L 90 KG (200 LB) CON EL TANQUE AUXILIAR DE 88 L</li><li>● CARGA MAXIMA DISTRIBUIDA EN EL PISO: 244 KG/M<sup>2</sup> (50 LB/PIE<sup>2</sup>)</li></ul>
--

(CAUTION

- Maximum total baggage load:  
Without aux fuel tank installed: 300 lb (136 kg)  
With large (43.5 gal) aux tank installed: 100 lb (45 kg)  
With small (23.2 gal) aux tank installed: 200 lb (90 kg)
- Maximum distributed floor load: 50 lb/ft<sup>2</sup> (244 kg/m<sup>2</sup>)

**SECTION 2: LIMITATIONS (Cont'd)**

**PLACARDS (Cont'd)**

On left forward cabin floor and horizontal panel forward of rear center seat:

PELIGRO  
ROTOR DE COLA  
Y  
GASES DE ESCAPE

(Danger  
Tail Rotor  
And  
Hot Exhaust)

On baggage compartment door:

PESTILLO

(Latch)

On Oil Tank:

ACEITE DEL MOTOR  
CAPACIDAD 5,7 L, (6 QT)  
  
EL CENTRO DEL VISOR INDICA ELMINIMO PARA  
DESPEGAR (3,8 L, 4 QT)  
  
SOLO USAR ACEITE CON NORMA AS5780 HPC  
ACEITES AUTORIZADOS, CONSULATAR EL  
MANUAL DE VUELO

(Engine oil  
Capacity 6 qt (5.7 L)  
Center of sight glass indicates  
minimum for takeoff (4 qt, 3.8 L)  
Use only oil per specification AS5780 HPC.  
See Pilot's Handbook for approved oils.)

**SECTION 2: LIMITATIONS (Cont'd)**

**PLACARDS (Cont'd)**

Near fuel tank filler cap:

SOLAMENTE  
COMBUSTIBLE PARA  
MOTORES DE TURBINA

COMBUSTIBLE  
GRADO: JET A, JET A1, JET B  
O SEGUN SE ESPECIFICA EN MANUAL DEL PILOTO

PUEDE SER NECESARIO ADITIVO ANTI-HIELO  
VER MANUAL DEL PILOTO

(Jet fuel only  
Fuel

Grade Jet A, Jet A1, Jet B, or as specified in  
Pilot's Handbook.

Anti-ice additive may be required  
See Pilot's Handbook)

PARA CARGAR COMBUSTIBLE CONECTAR  
MASA A TIERRA ANTES DE RETIRAR LA TAPA

(Ground either place  
before removing fuel  
cap for fueling)

**SECTION 2: LIMITATIONS (Cont'd)**

**PLACARDS (Cont'd)**

On tailcone above engine exhaust pipe:

PELIGRO  
GASES DE ESCAPE

(Danger  
Hot exhaust)

On or near collective controls:

NO PONER OBJETOS  
MANTENER ESTA AREA DESPEJADA

(No stowage  
Keep area clear)

In clear view of all occupants:

NO FUMAR

(No smoking)

On underside of each main rotor blade tip:

NO TIRAR HACIA ABAJO  
LEVENTAR LA PALA OPUESTA

(Never pull down  
Push up opposite blade)

Inside fuel fill door:

PISAR/SUJETARSE AQUI

(Step here/Hand hold)

**SECTION 2: LIMITATIONS (Cont'd)**

**PLACARDS (Cont'd)**

Near aux fuel tank:

- INSTALACION DEL TANQUE DE COMBUSTIBLE**
- INTRODUCIR EL TUBO DE DRENAJE A TRAVES DEL PISO
  - INSTALAR 8 TORNILLOS B526-6
  - APRETAR LAS TUERCAS DE LAS MANGUERAS A 13,6 NM (120 PLG-LB)
  - CONECTAR EL CABLEADO ELECTRICO

(Fuel Tank Installation  
Insert rubber drain tube thru belly  
Install B526-6 screws (eight places)  
Torque hose B-nuts 120 in-lb  
Connect wiring plug)

**INSTALAR EL SOPORTE DEL TANQUE DE COMBUSTIBLE  
CON LOS TORNILLOS B526-6 EN EL MAMPARO Y  
B526-8 EN EL PISO**

(Install fuel tank support using B526-6 screws thru bulkhead & B526-8 screws thru floor)

- PRECAUCION**
- CUANDO TANQUE AUX DE COMBUSTIBLE INSTALADO**
- CARGA MAXIMA DISTRIBUIDA EN EL PISO: 244 KG/M<sup>2</sup> (50 LB/PIE<sup>2</sup>)
  - CARGA MAXIMA DE EQUIPAJE: 45 KG (100 LB)
- TANQUE AUX DE COMBUSTIBLE NO INSTALADO**
- CARGA MAXIMA DISTRIBUIDA EN EL PISO: 244 KG/M<sup>2</sup> (50 LB/PIE<sup>2</sup>)
  - CARGA MAXIMA: 136 KG (300 LB)

(Caution  
With aux fuel tank installed:  
Maximum distributed floor load: 50 lb/ft<sup>2</sup> (244 kg/m<sup>2</sup>)  
Maximum total baggage load: 100 lb (45 kg)  
Without aux fuel tank installed:  
Maximum distributed floor load: 50 lb/ft<sup>2</sup> (244 kg/m<sup>2</sup>)  
Maximum total compartment load: 300 lb (136 kg))

**SECTION 2: LIMITATIONS (Cont'd)**

**PLACARDS (Cont'd)**

Near aux fuel tank:

**CUANDO TANQUE AUX NO ESTA INSTALADO  
COLOCAR LOS TAPONES AN806-6D EN LAS  
MANGUERAS Y GUARDARLAS AQUI  
APRETAR LOS TAPONES A 13,6 NM (120 PLG-LB)**

(Install AN806-6D plugs  
on hoses and stow here  
when tank not installed  
torque plugs 120 in-lb)

**ANTES DE RETIRAR LA TAPA DEL TANQUE  
DE COMBUSTIBLE CONECTAR LA TIERRA AQUI**

(Ground here  
before removing  
fuel cap for fueling)

**165 L (43,5 GAL)  
PRECAUCION  
CUANDO EL TANQUE ESTA LLENO EL SISTEMA  
AUX DE COMBUSTIBLE PESA MAS DE 145 KG (320 LB)  
NO EXCEDER LOS LIMITES DE PESO DEL HELICOPTERO**

(43.5 US GAL (165 L)  
Caution  
When tank is full, aux fuel system  
weighs over 320 Lb (145 Kg) Do not  
exceed helicopter weight limits)

**88 L (23,2 GAL)  
PRECAUCION  
CUANDO EL TANQUE ESTA LLENO EL SISTEMA AUX  
DE COMBUSTIBLE PESA MAS DE 82 KG (180 LB)  
NO EXCEDER LOS LIMITES DE PESO DEL HELICOPTERO**

(23.2 US GAL (88 L)  
Caution  
When tank is full, aux fuel system  
weighs over 180 lb (82 Kg) Do not  
exceed helicopter weight limits)

**SECTION 2: LIMITATIONS (Cont'd)**

**PLACARDS (Cont'd)**

On skid mounted antenna for E.N.G. version:

**NO PISAR**

(No step)

On camera controllers for Police and E.N.G. versions:

**GUARDAR DURANTE EL TAXI,  
DESPEGUE Y ATERRIZAJE**

(Stow during taxi,  
takeoff, and landing.)

Inside baggage compartment door for Police version:

**PRECAUCION  
CARGA MAXIMA DISTRBUIDA EN EL PISO: 244 KG/M<sup>2</sup>  
(150 LB/FT<sup>2</sup>)  
CARGA MAXIMA TOTAL: 113 KG (250 LB)**

(Caution  
maximum distributed floor load: 50 lb/ft<sup>2</sup>  
Maximum total compartment load: 250 lb (113 kg))

Inside compartment lid for optional console assembly  
replacing middle seat:

**CAPACIDAD MAXIMA: 4,5 KG (10 LB)**

(Maximum compartment capacity: 10 lb (4.5 kg))

**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.

THIS PAGE INTENTIONALLY BLANK