

Presentatie PMDG Boeing 737 NGX 800

Inhoud:

- 1 powerpoint presentatie
2. Vliegplan
3. ATC spreekteksten

Tra771 Gradus Hageman





Kenmerken van een PMDG vliegtuig.

Realisme in

- bediening instrumentarium cockpit
- vliegeigenschappen
- simulatie van procedures in de cockpit met ATC Airac
- simulatie van failures.

Nauwkeurige imitatie van de

- cockpitlay-out
- externe features flaps/slats/pitot etc.

737 NGX

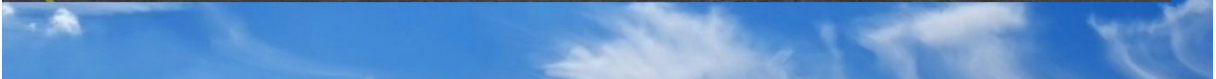
Liveries van bijna elke vliegmaatschappij die er mee vliegt.



PMDG | 737-800 NGX



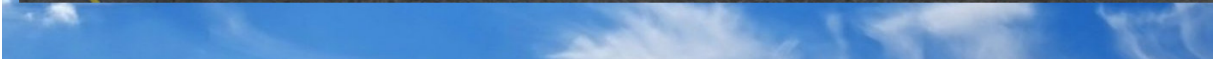
Liverie - van elke maatschappij



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Liverie - van elke maatschappij





Wikipedia

PMDG betekend: Precision Manuals Development Group.

Opgericht 1997 door Robert Randazzo, een airline piloot uit Virginia.

Doel: software ontwikkelen en te gebruiken voor:

- Luchtvaartmaatschappijen
- aanvulling voor piloten opleiding

Ze begonnen met Manuals maar gingen snel over op software add-ons

Parade paardje 747 Queen of the skies
 Maar het best bekend = Boeing 737 NGX
 Midden jaren 90 nieuw vleugelontwerp



- ALL PLATFORMS
- FSX**
- PREPAR3D
- X-PLANE
- GLOBAL FLIGHT OPERATIONS



747-8
Queen of the Skies II
Expansion Package



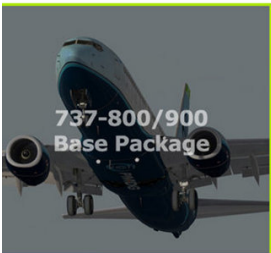
747-400V3
Queen of the Skies II



777-200LR/F
Base Package



777-300ER
Expansion Package



737-800/900
Base Package



737-600/700
Expansion Package



Douglas DC-6
Cloudmaster

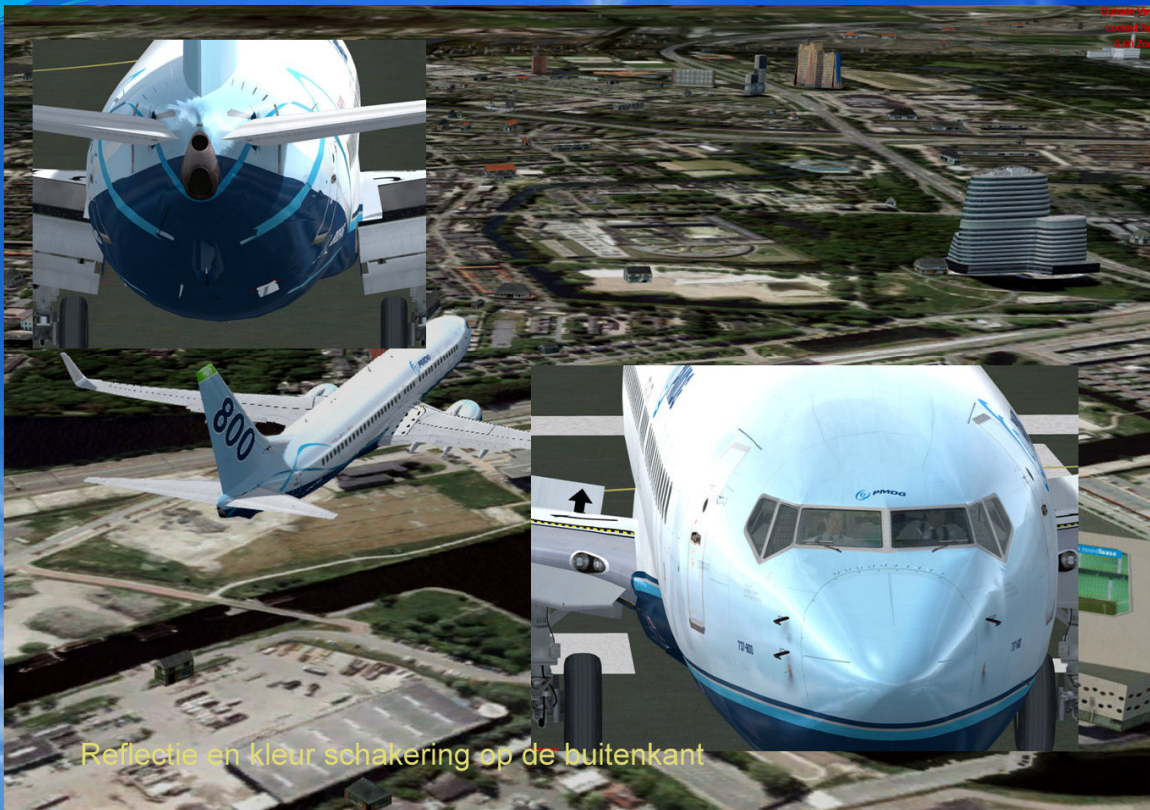
PMDG modellen momenteel in P3DV4



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Reflectie en kleur schakeling op de buitenkant



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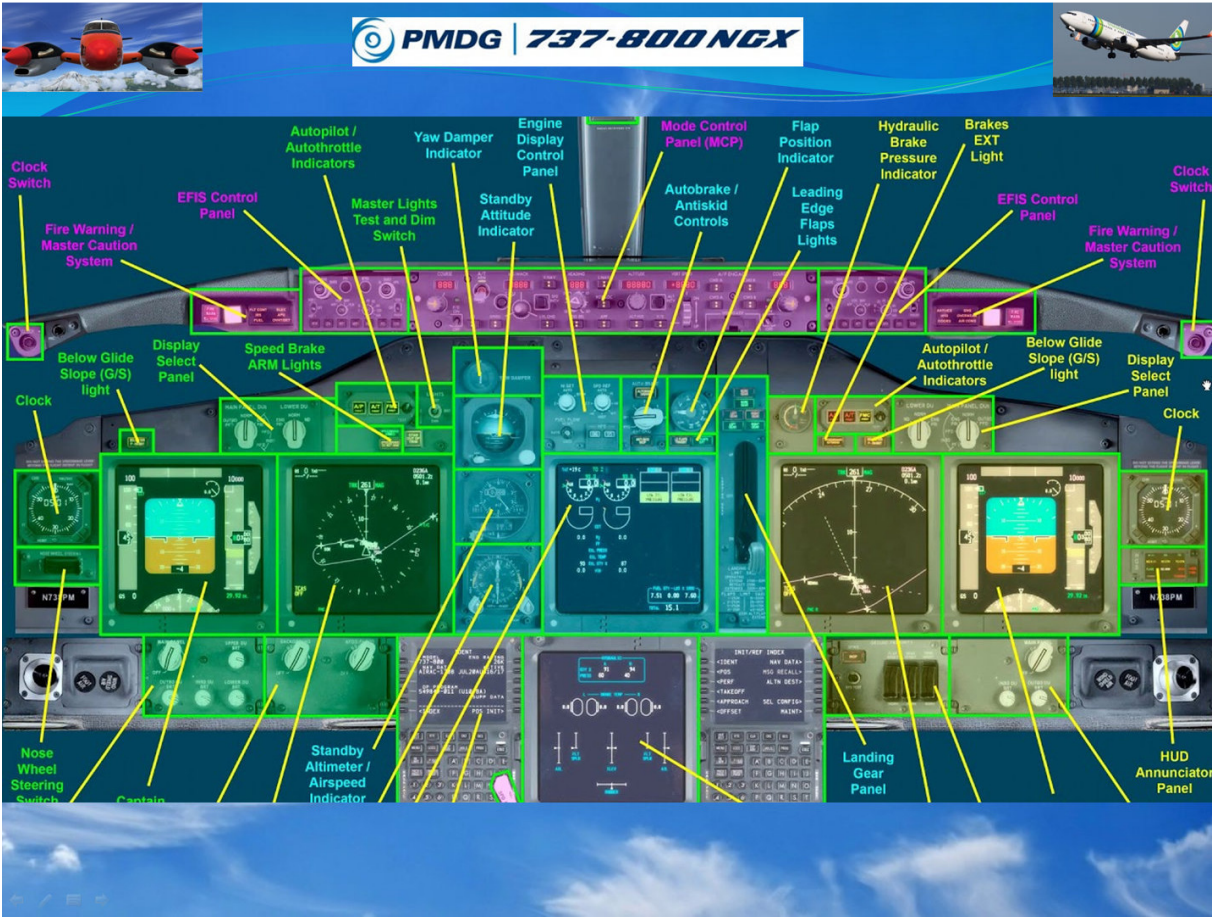


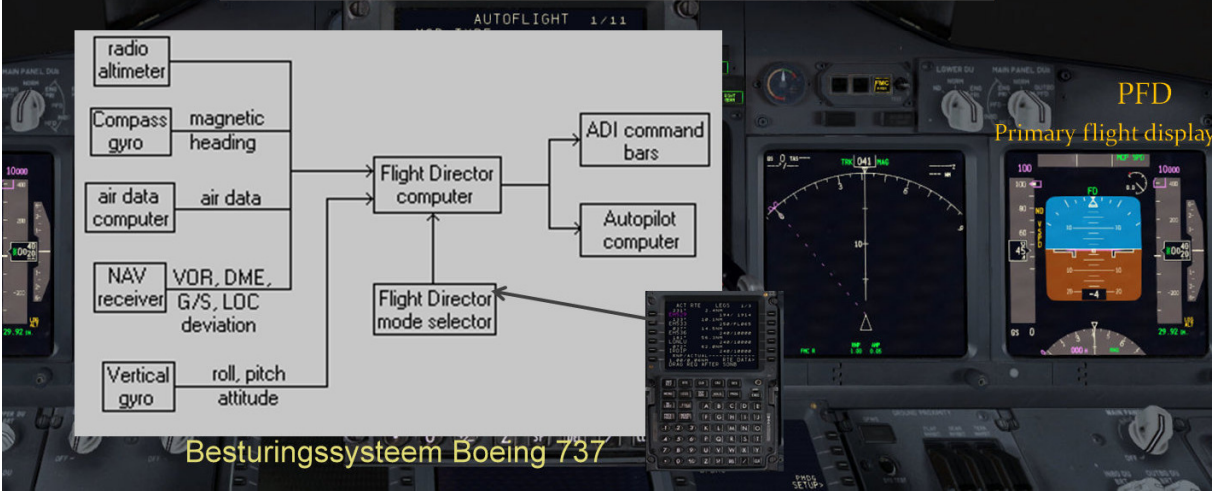
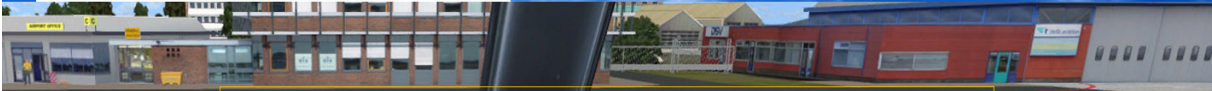
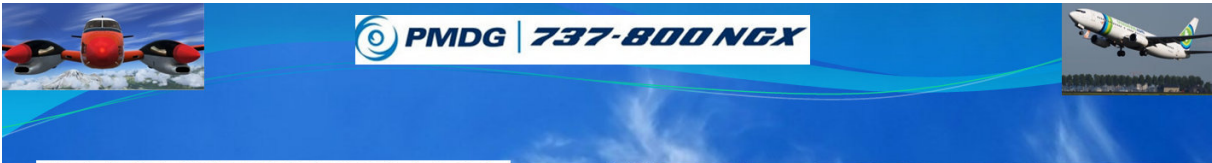
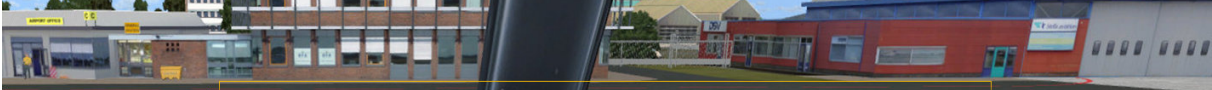
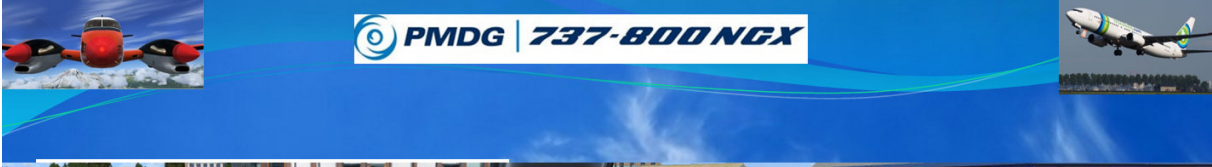
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QUALIFIED FOR EXT. OVERWATER OPERATIONS

FMC
Flight management computer

ND
Navigatie display

| ACT RTE | LEGS | 1/3 |
|---------------------|--------|-------------|
| 231* | 2.4NM | 194 / 1914 |
| EHS29 | | |
| 133* | 10.1NM | 250 / FL065 |
| EHS33 | | |
| 037* | 14.5NM | 240 / 10000 |
| EHS36 | | |
| 181* | 56.3NM | 240 / 10000 |
| LONLU | | |
| 072* | 62.0NM | 240 / 10000 |
| IRDIP | | |
| RNP / ACTUAL | --- | RTE DATA > |
| 1.00 / 0.05NM | | |
| DRAG RED AFTER SONB | | |

INIT RTE CLB CRZ DES
MENU LEGS DEP ARR HOLD PROG EXEC
NI LIMIT FIX A B C D E
PREV PAGE NEXT PAGE F G H I J
1 2 3 K L M N O
4 5 6 P Q R S T
7 8 9 U V W X Y
0 / Z SP DEL / CLR

route invoering



PFD Primary flight display



alle info mogelijkheden van het PFD

ARM | HDG SEL VOR/LOC | V/S G/S

100 | 100 | 3048 M | 10000

111.55/87° | DME 15.0

ILS CWS R | CMD | CWS P

NO VSP | 045 | 60 | 80 | 100

1086 | 1000

65 M | 02:20:00

1013 HPA QFE | 29.92 IN QNH

GS 92 | VREF 91 | PULL UP | BARO 200

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Flight Mode Annunciator

| | | |
|--------------|-------------|--------------|
| TRUST | ROLL | PITCH |
| FMC SPD | LNAV | VNAV |
| Ni | GA | TO/GA |
| MCP SPD | Hdg Sel | ALT ACQ |
| Retard | VOR Loc | Alt Hold |
| Arm | | VNAV Path |
| Hold | | VNAV Spd |

FMA: Alle vluchtmodi worden hier getoond.

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International Flight Plan

7 aircraft ident. TRA771 8 flightrules - I - type of flight G

9 number 1 type of aircraft B738 wake turbulence cat. M 10 equipment SDFGRWY / S

13 departure aerodrome LSZB departure time 1845

15 cruising speed N 0320 level F 350

route
MONI2B BASGO AKAS2H

16 destination aerodrome LIMC total EET 0035 altn aerodrome LIML

18 other information
IVAO FSGG

supplementary information

19 endurance E/ 0130 persons on board P/ 85 pilot in command C/ GRADUS HAGEMAN

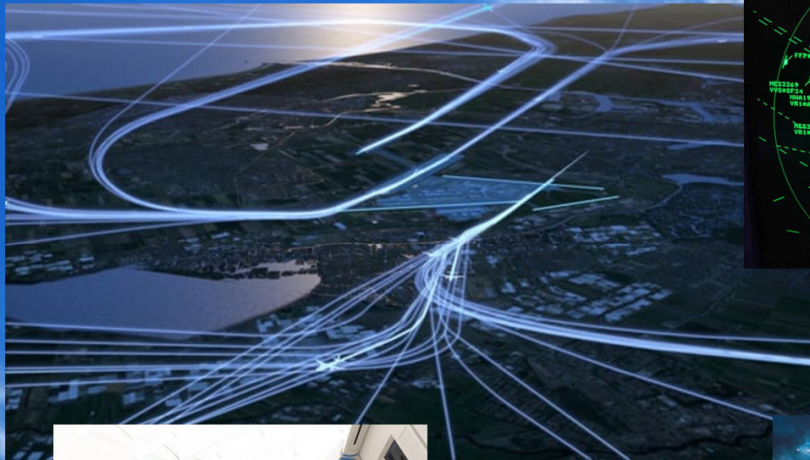
aircraft color and markings (MTL)
A/ B738 Transavia (NC) (winglets sn) (TRA)

Load... Save... Reset REQ ROUTE... Send FPL Cancel

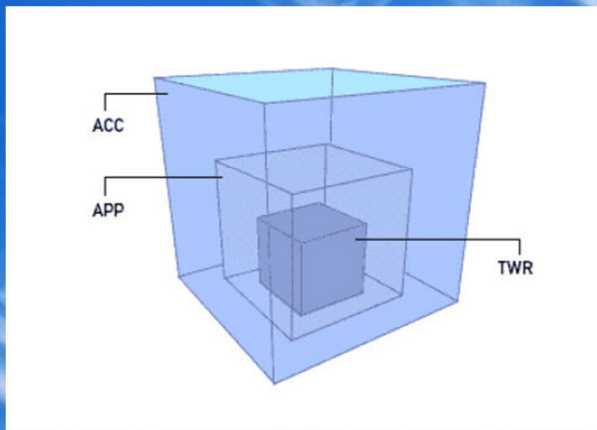
vliegplan voor vanavond



ATC voor vanavond:



ATC voor vanavond:



- Bern Delivery/Ground
- Bern TWR Toren
- Bern Approach
- Swiss Radar
- Milan Radar
- Malpensa Approach
- Malpensa TWR
- Malpensa Ground



Hieronder ATC spreektesten van de vlucht.

Lamamavlucht van Bern LSZB naar Milaan LIMC
Bern LSZB MONI2B departure Trans Alt 6000 ft
Milaan LIMC AKASU 2H arrival Transition level by ATC (hier 5000 ft)
Cruise: FL200
Route: MONIN BASGO AKASU

1. Start-up

Bern Delivery, TRA771

TRA771, Bern Delivery

Delivery, TRA771, P7, information JULIET, IFR to Milan, request start-up

TRA771, start-up approved, runway 32, QNH1030

Start-up approved, runway 32, QNH1030, TRA771

2. Klaring

Delivery, TRA771, Request departure clearance as filed.

TRA771 cleared to Milan Lima-India-Mike-Charley (LIMC), MONI 2B Departure, initial climb 5000ft , squawk 7347

Cleared to Milan Lima-India-Mike-Charley, MONI 2B departure, initial climb 5000ft, squawk 7347, TRA771

TRA771, readback correct. Contact Bern tower on 121.025 for Push and Taxi

121.025, TRA771

3 Push Back-Taxi en take-off

Bern Tower, TRA771 at P7, request Push Back.

TRA771, Push Back approved facing SE

Push Back approved facing SE, TRA771

Bern Tower, request taxi, TRA771

TRA771, taxi holding point Foxtrot runway 32 via KILO

Taxi holding point Foxtrot runway 32, via KILO, TRA771

HP Foxtrot runway 32, ready for departure, TRA771

TRA771, winds 030, 15 knots, runway 32, cleared take-off

Cleared take-off Rwy32, TRA771

TRA771, contact Bern Approach on 127.325

127.325, TRA771

4. Departure

Bern Approach, TRA771, MONI 2B Departure, passing 5000 ft climbing FL 070

TRA771, radar contact passing 5000ft, continue climb FL 160

Climb FL 160, TRA771

TRA771, direct D121Q (Als ik 180° gedraaid ben) De bocht naar Bern NDB is nauwelijks te halen

Direct D121Q, TRA771

TRA771, Contact SWISS Radar on 119.925

119.925, TRA771

5. Enroute

SWISS Radar, TRA771, climbing for FL160, inbound D121Q (ZB527 of MONIN?)

TRA771, radar contact, climb FL 200, after MONIN route direct BASGO

Climb FL 200, after MONIN route direct BASGO, TRA771

TRA771, contact MilanRadar on 128.925

128.925, TRA771

6. Van SWISS radar naar MILAN radar

Milan Radar, TRA771, inbound AKASU, FL 200

TRA771, radar contact, cleared Akasu 2H arrival, descend FL 150 to be level overhead IXORA, expect runway 35L

Cleared Akas 2H arrival, descend FL 150 to be level overhead IXORA, expect runway 35L, TRA771

Milan Radar, over IXORA fl150, TRA771

TRA771, descent fl 100, maintain speed 280 knots

Speed 280 knots, descent FL 100, TRA771

(Direct na MC415 over naar Approach)

7. Van MILAN radar naar Malpensa approach

TRA771 contact Malpensa Approach on 125.625

125.625, TRA771

Malpensa Approach, TRA771, information YANKEE, inbound MC405, descending Fl 100

TRA771, YANKEE correct, expect vectors ILS runway 35L, descent 4000 ft, QNH 1030, speed is yours.

Expect Vectors ILS runway 35L, descent 4000ft, QNH 1030, speed free, TRA771

(Over MC405)

TRA771, turn right heading 210

Turn right heading 210, TRA771

TRA771, turn left heading 090

Turn left heading 090, TRA771

TRA771 turn left heading DCT SOKBU, cleared ILS approach runway 35L

Turn left heading DCT SOKBU, cleared ILS approach runway 35L, TRA771

TRA771, established localizer runway 35L

TRA771, contact Malpensa tower on 119.000

119.000, TRA771

8. Van Malpensa Approach naar Malpensa Tower

Malpensa Tower, TRA771, established localizer runway 35L

TRA771, runway 35L cleared to land surface wind 030 15

Runway 35L cleared to land, TRA771

Malpensa tower, Vacated rwy35L at EW, TRA771

TRA771, contact Ground 121.900

121.900, TRA771

9. Van Malpensa Tower naar Malpensa Ground

Malpensa Ground, TRA771 at EW

TRA771, Malpensa Ground, taxi via W L1 K L2 to gate GA42

taxi via W L1 K L2 to gate GA42 , TRA771

Malpensa ground, TRA771 at GA42 on blocks.

TRA771, change frequency to 122.800. Good day

122.800 Thanks for the service, TRA771