

ABNORMAL OPERATIONS

Depressurisation

FL130 descent:

Time: 13 min

TAS: 250 (use for ETAS CALC)

Fuel 520kg

Air Distance: 50nm

TAS:

372 KTAS @ ISA (0.59M) (accurate for CP)

Tail Skid Down

Climb:

Multiple climb table values by 1.25

Altitude capability:

Reduced by 9000kg

Cruise:

Multiple standard fuel flow by 1.1

Fuel Dumping

Altitude:

AIP minimum 6000'

Tanks:

1,2 & 3: 1050kg/min

2: 500kg/min

Typical dump/burn rate:

1170kg/min (probably wouldn't use)

Fuel dump should auto shutoff at 1600kg each tank (should do manually)

OEI

Climb:

	Time (min)	Zone fuel (kg)	ANM
FL160 to 200	+ 11	+ 750	+ 45
FL210 to 250	+ 14	+ 1000	+ 60
FL260 +	+ 17	+1250	+ 75

Do not forget to subtract fuel already burnt from climb table

Descent:

Approx. 85 ANM

TAS:

Approx. 420 (accurate for CP, not to be used for flight planning)

Typical forecast FL235

Yaw Damper INOP

FL290 East @ 0.73 Mach

FL280 West @ 0.74 Mach

Gear Down

Climb:

Multiply standard time by 1.2

Descent:

Zone fuel: + 450kg

Distance: - 10 ANM (for altitudes above 5000')

Holding:

Multiply table value by 1.5

PNR Estimate (use if no multiple choice provided)

Flight fuel - 1600 (climb)
Est. 5GR out + home

Critical Point

Total dist. X GS home
GS out + GS home

Atpl Cheat Sheet

Rob Avery

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

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ATPL Performance & Loading Rob Avery, 2011 [Airline Transport Pilot: Complete Note Collection](#) Carsten Borgen, 2020-07-20 This book is written as a quick reference guide to pilots and aviation enthusiasts in an effort to simplify the process of staying current on revising and learning aviation related subjects In its sixth edition The ATP book is a culmination of more than 10 years of research and writing More than a thousand pilots around the world are already benefiting from this book As you go through the book whether it is simply to refresh a single or specific subject or it is to review the entire ATPL syllabus you will find the book structured to give you maximum information using as few words as possible The book uses key facts and bullet points to refresh your knowledge or add to it Maximum number of pictures tables formulas and graphs are used as they contain vast amounts of information This e version is an electronic version of the printed book This PDF like version allows smooth flow in both portrait and landscape view Pages are fully adaptable to all devices such as phones tablets and laptop computers Although this version does not contain 3D models animations real life videos audio and interactive pictures like the the IOS version this book does contain the exact same information Within a couple of hours a complete subject matter can be covered The book is based on EASA ATPL theory and all information is purely factual A minimum of 3 separate sources have been used to verify and substantiate any information provided All information in this book is an interpretation of the subject matter researched from multiple ATPL publications and combined with personal experience and inputs from aviation professionals

[Flight Performance And Planning - Enac](#) Sous/Dir. D'Y. Plays, 2012-10-24 This book is a part of the Air Transport Pilot s Licence ATPL Course Series provided by the French National University of Civil Aviation ENAC describing in detail the mass and balance flight performance and planning elements of the ATPL course subject 030

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