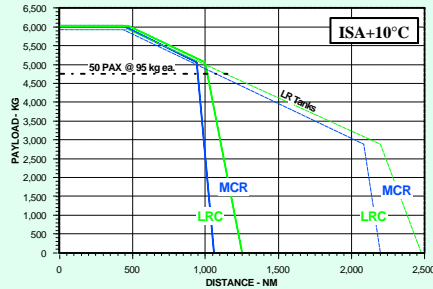


# de Havilland Dash-8 Series 300

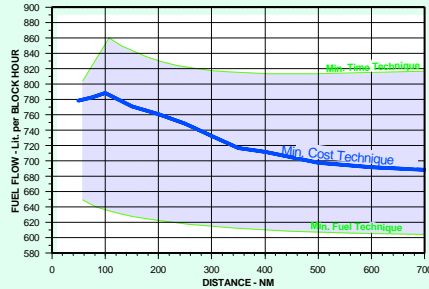


- Conditions:
- MTOW = 19 505 kg
  - OWE = 11 883 kg (Basic A/C plus A.P.U., HF, Dual Mode 'S' Tx)
  - Max. Fuel: Std. Tanks = 2 576 kg  
L.R. Tanks = 4 646 kg
  - Fuel Density = 0.815 kg/Lit.
  - Taxi Allow. = 4.0 min / 20 kg
  - IFR Reserves = 100 nm + 45 min Hold
  - Enroute Temp = ISA+10°C; Zero Wind

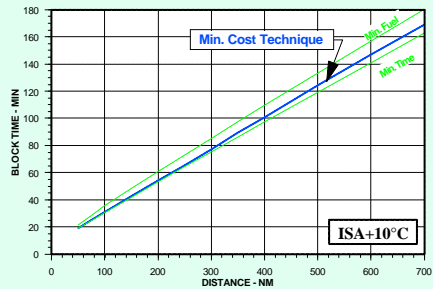
## PAYLOAD - RANGE



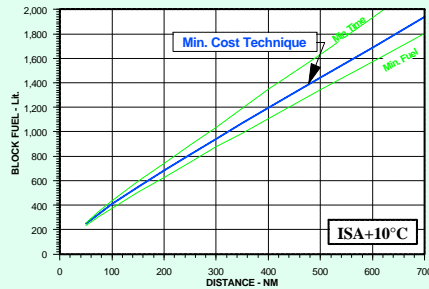
## FUEL FLOW



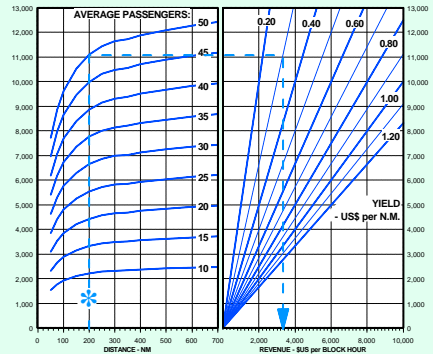
## BLOCK TIME



## BLOCK FUEL



## REVENUES



Profit per Block Hour

	*SAMPLE	YOURS
T.O.C.*	US\$ 1,870	
Revenue	US\$ 3,330	
Profit**	US\$ 1,460	

\* From Previous Page  
\*\* At 100% L.F. (50 PAX)

PVH 12/03

# de Havilland Dash-8 Series 300 Cost and Profit Analyzer

A prediction of operating costs in airline service is a first step in selecting the right airplane for the right task.

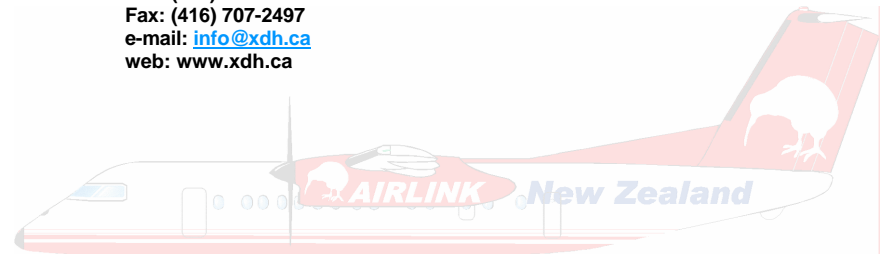
Because de Havilland Dash-8 airliners are used worldwide with significant variations in fuel, crew, labour and other operating costs, a generalized cost formula will not always predict potential earnings accurately.

This Analyzer is designed to indicate the potential earnings which YOUR cost and revenue elements would provide under YOUR range of airline operating conditions.

The de Havilland Dash-8 family of aircraft features numerous equipment and performance enhancement options. With seating capacities ranging from 37 seats (Series 100 and 200) up to 78 seats (Series 400), and a well deserved reputation for unsurpassed reliability, performance and customer support, Dash-8 family of aircraft can offer you an aircraft to match YOUR needs.

**XdH Inc. would be pleased to carry out a more comprehensive analysis of the de Havilland Dash-8 family of aircraft operating in your system, using more refined performance and economic data. Please contact our representative or write directly to:**

XdH Aviation Services Inc.  
P.O. Box 7003, Sta. A  
Toronto, Ontario M5W 1X7  
Canada  
Tel: (416) 707-4146  
Fax: (416) 707-2497  
e-mail: [info@xdh.ca](mailto:info@xdh.ca)  
web: [www.xdh.ca](http://www.xdh.ca)



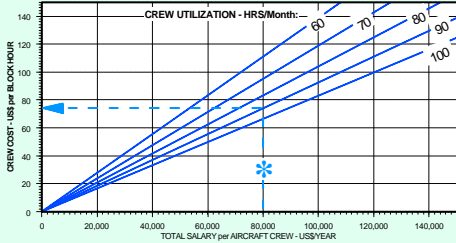
© Dec. 2003 XdH Aviation Services Inc.  
The information in this document is of a general nature only. XdH Aviation Services Inc. makes no warranty or representation regarding the applicability of this information to any use by the recipient.

PVH 12/03

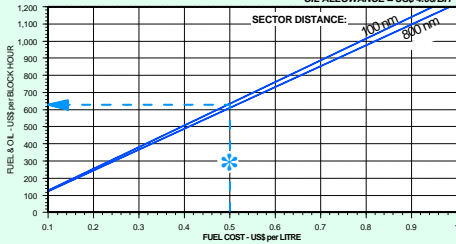
de Havilland  
Dash-8 Series 300

# Operating Costs

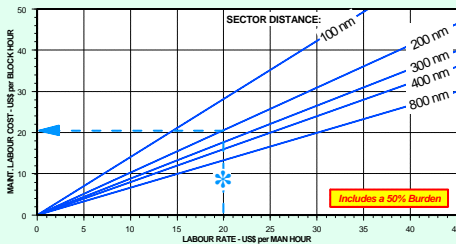
## FLIGHT + CABIN CREW



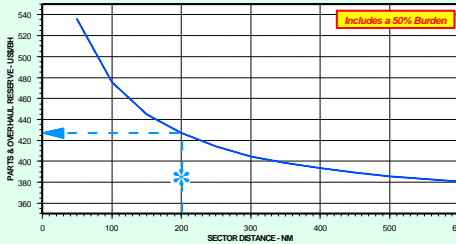
## FUEL & OIL



## MAINTENANCE LABOUR

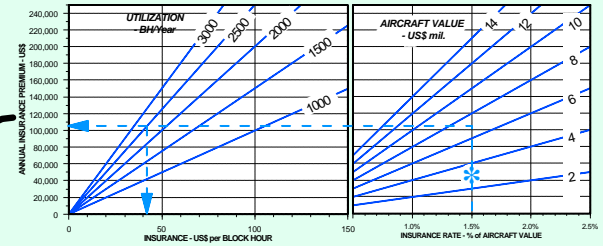


## MAINTENANCE (excluding Labour)

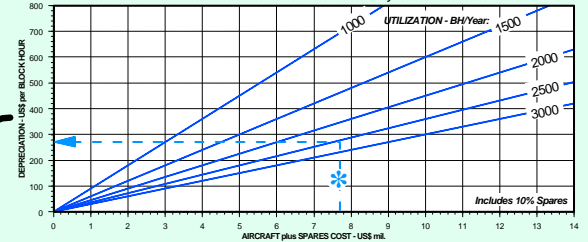


Assumptions	
*SAMPLE	YOURS
HOURS per YEAR 2,500	
SECTOR DIST. & BLOCK TIME 200 nm / 0:54 min	
AIRCRAFT + SPARES COST US\$ 7.0 mil + 10% Spares	
FUEL COST per LITRE 0.50 US\$/Lit.	
TOTAL CREW COST per YEAR 80,000 US\$	
CREW UTILIZATION per MONTH 90 Hrs	
LABOUR RATE 20 US\$ / Man Hour	
INSURANCE RATE 1.50% of Aircraft Price	
▼ Direct Operating Costs ▼	
US\$ 75	
US\$ 45	
US\$ 385	
US\$ 280	
US\$ 25	
US\$ 60	
US\$ 350	
US\$ 220	
▼ Indirect Operating Costs (typically 20% - 50% of DOC) ▼	
US\$ 430	
▼	
US\$ 1,870	

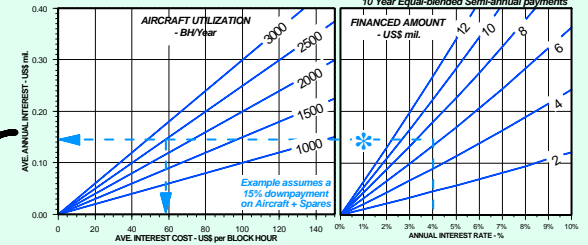
## INSURANCE



## DEPRECIATION



## INTEREST



## CATERING / NAVIGATION / LANDING FEES

YOURS	*SAMPLE	
	\$ 100	CATERING ( @ US\$ / PAX )
	0	TERMINAL NAV. CHARGES
	\$ 50	ROUTE NAV. CHARGES (Intern/Dom. A/P)
	\$ 50	LANDING CHARGES
	0	OTHER (US\$ per Flight)
	\$ 200	TOTAL per FLIGHT (Blk. Time = Hrs)
	\$ 220	TOTAL/Block Hour = $\frac{\text{TOTAL per Flight}}{\text{Block Time (Hrs)}} = \frac{\$ 200}{.60} = \$ 333.33$

**Total Operating Costs (TOC) per Block Hour**

## Printing Instructions

This 4-page single-fold brochure is designed to be printed on a color printer using an **11"x17"** paper size. To print double-sided copies, print the first side and then put the printed sheet back in tray exactly the same way as it came out, i.e. without turning or flipping the paper (works on most printers).

If you don't have a printer capable of printing on large size paper, print it on a regular laser printer and then blow it up to an 11"x17" size on a photocopier.

