

# Printing Instructions

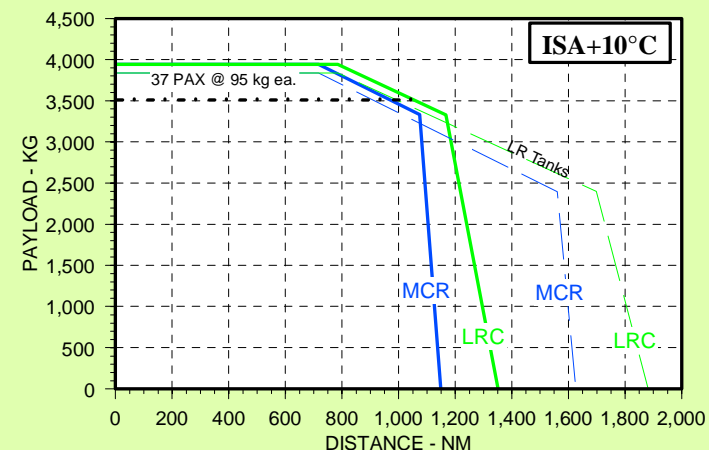
This brochure is designed to be printed on a color printer using **11"x17"** paper size. To print double-sided copies, pick up the printed first side and put it back in tray exactly the same way as it came out, i.e. without turning or flipping the paper.

# de Havilland Dash-8 Series 200

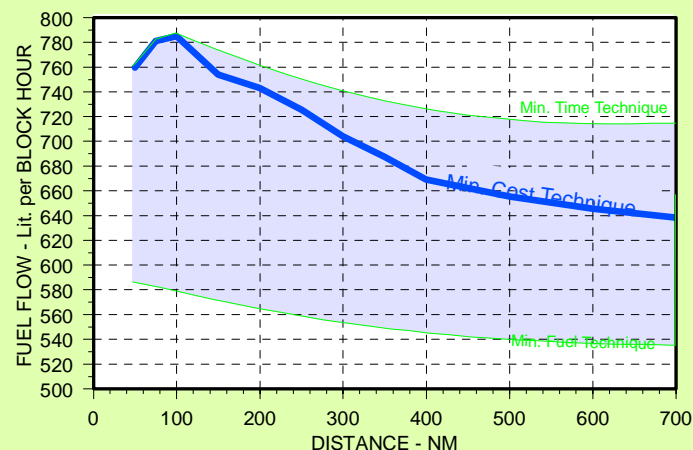


- Conditions:
- MTOW = 16 466 kg
  - OWE = 10 570 kg (Basic A/C)  
= 10,675 kg (LR tanks)
  - Max. Fuel: Std. Tanks = 2 576 kg  
L.R. Tanks = 3 402 kg
  - Fuel Density = 0.815 kg/Lit.
  - Taxi Allow. = 4.0 min / 20 kg
  - IFR Reserves: 100 nm + 45 min Hold
  - Enroute Temp = ISA+10°C; Zero Wind

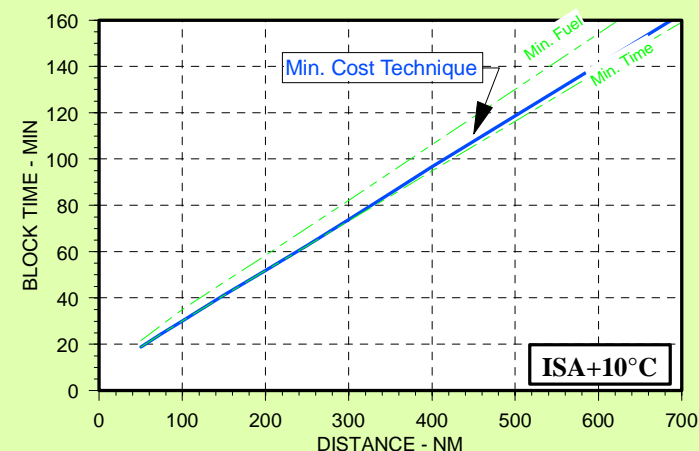
## PAYLOAD - RANGE



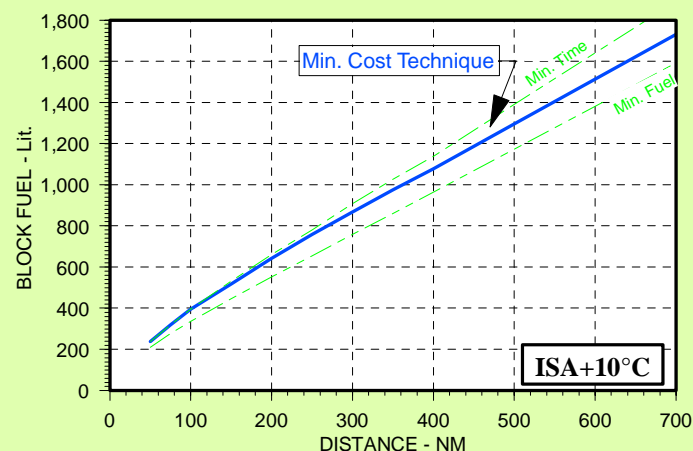
## FUEL FLOW



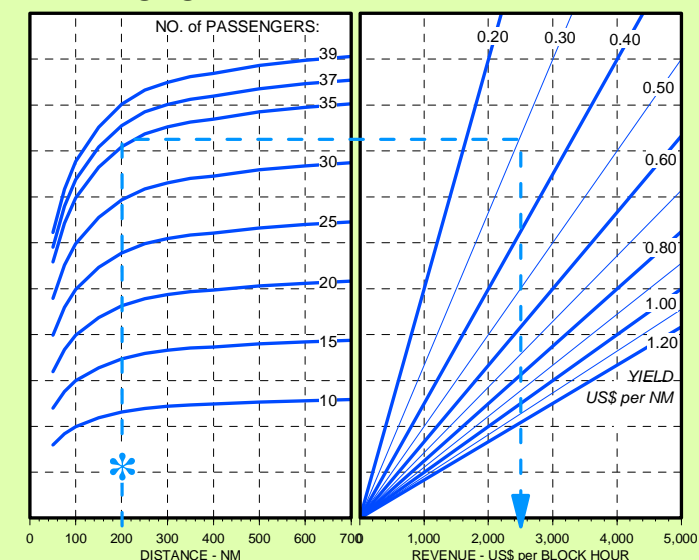
## BLOCK TIME



## BLOCK FUEL



## REVENUES



**Profit per Block Hour**

	SAMPLE	YOURS
T.O.C.*	US\$ 1,587	
Revenue	US\$ 2,500	
Profit	US\$ 913	

\* (From Previous Page)

# Dash-8 Series 200 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.

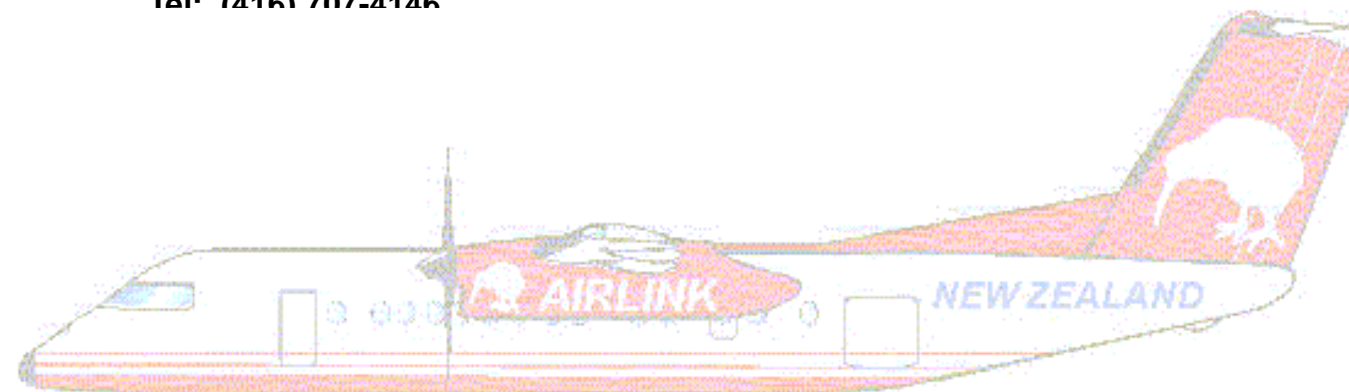
Because the *de Havilland* Dash-8 airliner is used worldwide with significant variations in fuel, crew, labour and other operating costs, a generalized cost formula will not always predict potential earnings accurately.

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:**

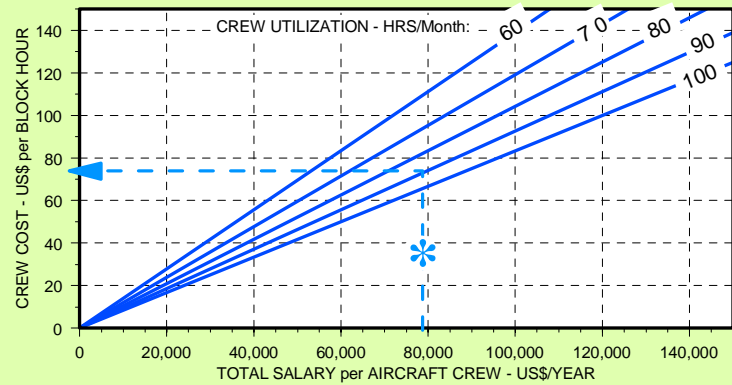
**XdH Aviation Services Inc.  
P.O. Box 7003, Sta. A  
Toronto, Ontario M5W 1X7  
Canada  
Tel: (416) 707-4146**



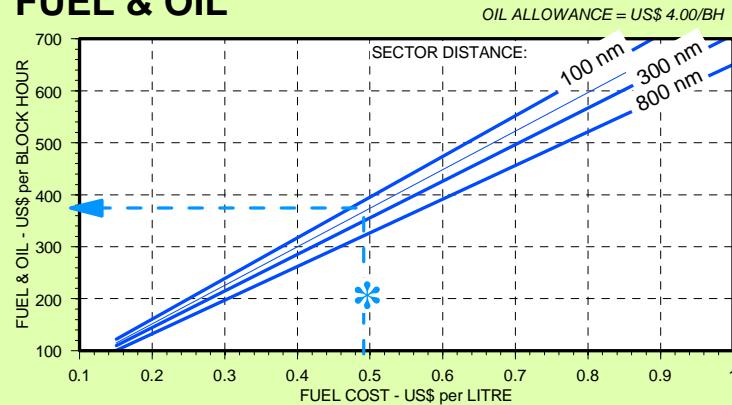
# Operating Costs

## de Havilland Dash-8 Series 200

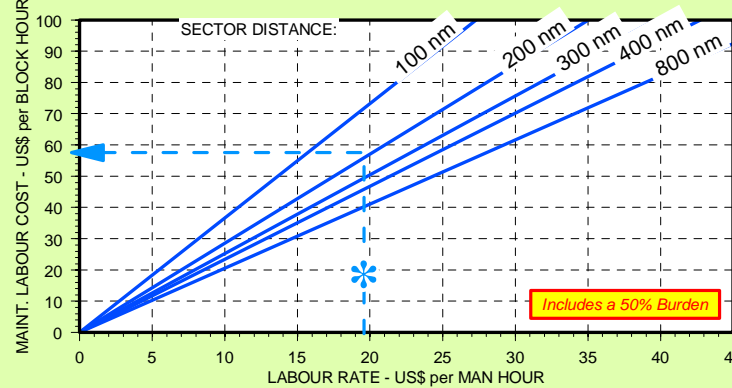
### FLIGHT & CABIN CREW



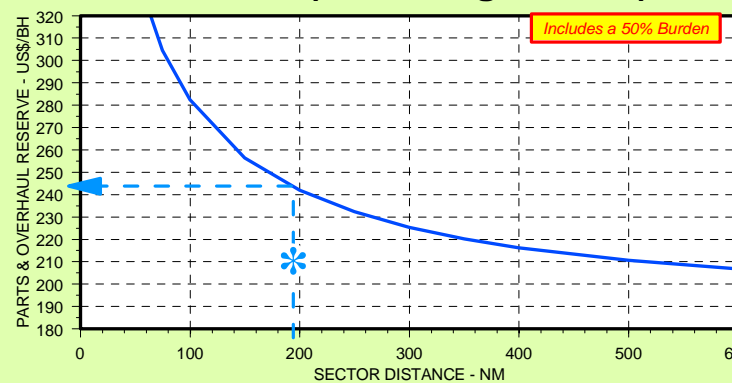
### FUEL & OIL



### MAINTENANCE LABOUR

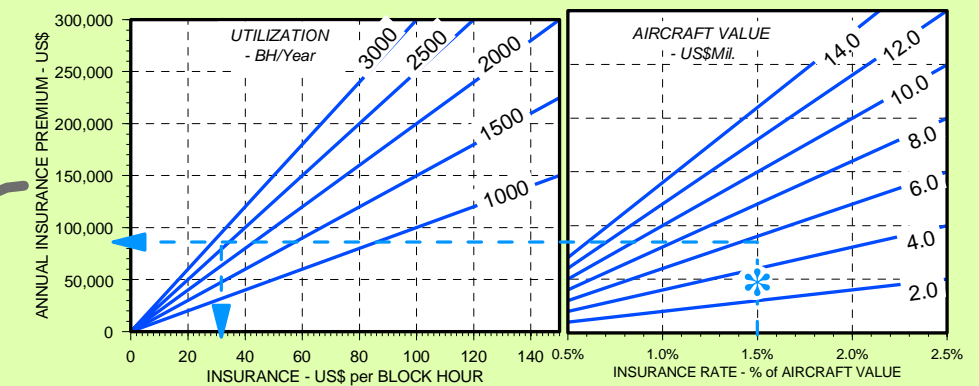


### MAINTENANCE (excluding Labour)

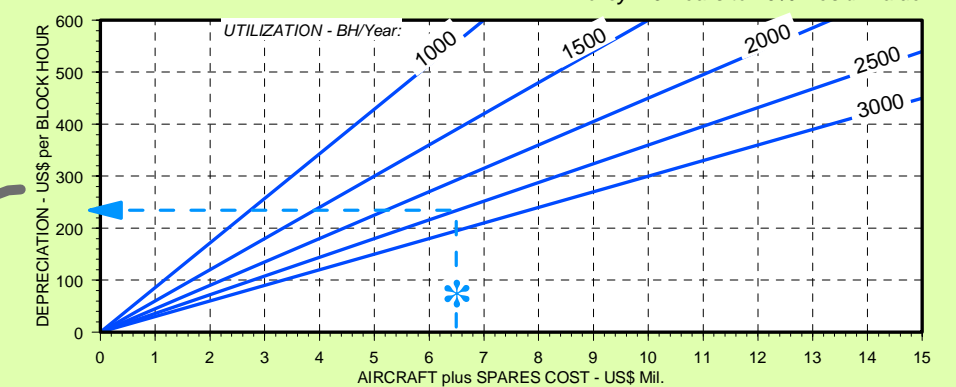


Assumptions	
*SAMPLE	YOURS
HOURS per YEAR <b>2 500</b>	
SECTOR DIST. & BLOCK TIME <b>200 nm / 0:52 min</b>	
AIRCRAFT + SPARES COST <b>US\$10 mil. + 10% Spares</b>	
FUEL COST per LITRE <b>0.50 US\$/Lit.</b>	
TOTAL CREW COST per Year <b>80,000 US\$</b>	
CREW UTILIZATION per MONTH <b>90 Hrs</b>	
LABOUR RATE <b>20 US\$ / Man Hour</b>	
INSURANCE RATE <b>1.50% of Aircraft Price</b>	
▼ Direct Operating Costs ▼	
<b>US\$ 74</b>	
<b>US\$ 36</b>	
<b>US\$ 376</b>	
<b>US\$ 236</b>	
<b>US\$ 57</b>	
<b>US\$ 50</b>	
<b>US\$ 243</b>	
<b>US\$ 150</b>	
▼ Indirect Operating Costs (assume 20% - 50% of DOC) ▼	
<b>US\$ 365</b>	
<b>US\$ 1,587</b>	

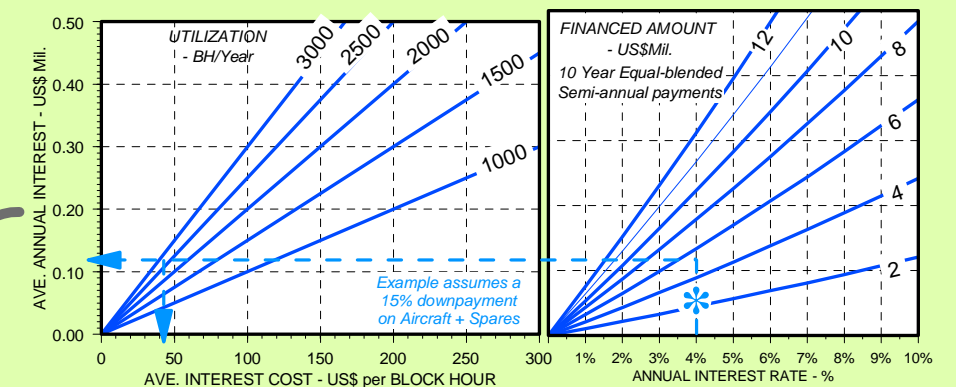
### INSURANCE



### DEPRECIATION



### INTEREST



### CATERING / NAVIGATION / LANDING FEES

YOURS	*SAMPLE	
	<b>\$ 75</b>	CATERING (@ US\$ / PAX)
	<b>0</b>	TERMINAL NAV. CHARGES
	<b>\$ 30</b>	ROUTE NAV. CHARGES
	<b>\$ 25</b>	LANDING CHARGES
	<b>0</b>	OTHER \$ per Flight
	<b>\$130</b>	<b>TOTAL per FLIGHT</b> (Blk. Time = Hrs)
	<b>\$150</b>	<b>TOTAL/Block Hour</b> = $\frac{\text{TOTAL per Flight}}{\text{Block Time (Hrs)}} = \frac{130}{52 \text{ min} \cdot 60}$

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