

START LIGHTER  
 START FASTER  
 START SMARTER

TRUE BLUE POWER®  
A division of Mid-Continent Instrument Co., Inc.

# LITHIUM-ION AIRCRAFT BATTERY VALUE MODEL



True Blue Power®  
**Gen5 Lithium-ion TB40**  
 40 amp-hour Aircraft Battery

## De Havilland DHC-8-100

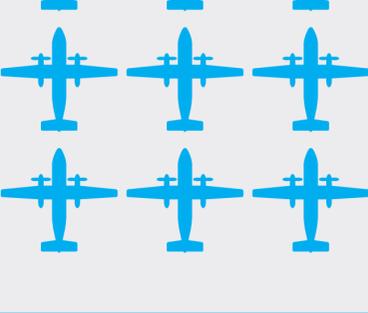
Operation .....	Regional Airline
Flight Hours .....	2,250 hours per year
Average Flight Time ...	1.25 hours (normal operations)
Fleet .....	42 aircraft
Original Battery .....	Soft nickel-cadmium battery
Replacement Battery ..	True Blue Power® Gen5 TB40 lithium-ion battery
Number of Batteries Per Aircraft .....	2

## TOTAL MAINTENANCE SAVINGS

**\$8K**  
 ANNUALLY  
 per aircraft



**\$336K**  
 ANNUALLY  
 fleet



## ROUTINE MAINTENANCE SAVINGS

**100%**



## EMPTY WEIGHT SAVINGS

**87**  
 POUNDS

per aircraft

**3,654**  
 POUNDS

fleet

## ADDITIONAL PAYLOAD REVENUE

**\$140K**  
 ANNUALLY  
 per aircraft

**\$5.8M**  
 ANNUALLY  
 fleet

*Weight savings allows for \$0.91/lb additional baggage fee (revenue calculated per 80% of flights)*

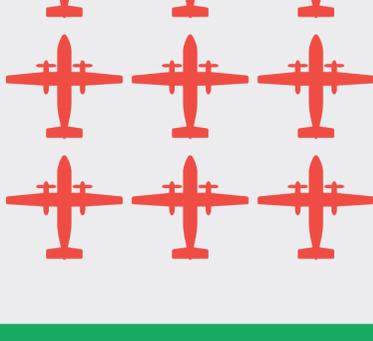


## REDUCED CARBON EMISSIONS

**3.3**  
 TONS  
 ANNUALLY  
 per aircraft



**139**  
 TONS  
 ANNUALLY  
 fleet



## REDUCED ENVIRONMENTAL WASTE

**2 TONS**  
 OVER  
**10 YEARS**

fleet

