

CH-47 PERFORMANCE PLANNING CARD

For use of this form, see TC 3-04.12; the proponent agency is TRADOC.

DEPARTURE DATA

OPERATING WT: _____ T/O FUEL WT: _____ LOAD: _____
 PRESSURE ALT: _____ FAT: _____ TAKEOFF GWT: _____ / _____

FUEL MANAGEMENT

TIME: _____ QTY: _____ PPH: _____ BURNOUT: _____ RSV: _____

	DUAL ENGINE		SINGLE ENGINE	
	NO LOAD	WITH LOAD	NO LOAD	WITH LOAD
MAX TQ AVAIL - 10 MIN. / S/E				
MAX TORQUE AVAIL - 30 MIN.				
CONTINUOUS TORQUE AVAIL				
MAX GWT TO HVR 10 MIN./SE IGE/OGE				
MAX GWT TO HVR 30 MIN. IGE/OGE				
MAX GWT TO HOVER CONT IGE/OGE				
PREDICTED HVR TQ - IGE/OGE				
GO / NO GO TQ				
MAX MSN PROFILE GWT / VALIDATION				

CRUISE DATA

CGI OPERATIVE LIMIT: _____ / _____ LCT RET V_{ne}: _____ / _____ DRAG FACTOR: _____ / _____

CGI INOP LIMIT: _____ / _____

	DUAL ENGINE		SINGLE ENGINE	
	NO LOAD	WITH LOAD	NO LOAD	WITH LOAD
PRESSURE ALT: _____ FAT: _____				

MAX TQ AVAIL - 10 MIN / S/E				
CONTINUOUS TORQUE AVAIL				
MAX GWT CONT PWR				
MAX R/C AND ENDURANCE IAS				
MAX RANGE IAS				
CRUISE SPEED - IAS				
CRUISE TQ (+ DRAG FACTOR)				
CRUISE FUEL FLOW				
MINIMUM SINGLE ENGINE IAS				
MAXIMUM SINGLE ENGINE IAS				
MAX GWT S/E / SESC				

ARRIVAL DATA

LANDING GWT: _____ / _____

	DUAL ENGINE		SINGLE ENGINE	
	NO LOAD	WITH LOAD	NO LOAD	WITH LOAD
PRESSURE ALT: _____ FAT: _____				

MAX TQ AVAIL - 10 MIN./ S/E				
MAX TQ AVAIL - 30 MIN.				
CONTINUOUS TORQUE AVAIL				
MAX GWT TO HVR 10 MIN./SE IGE/OGE				
MAX GWT TO HVR 30 MIN. IGE/OGE				
MAX GWT TO HOVER CONT IGE/OGE				
PREDICTED HVR TQ - IGE / OGE				