CH-47 PERFORMANCE PLANNING CARD

For use of this form, see TC 3-04.34; 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

AIRSPEED LIMIT: / LCT RET Vne: / DRAG FACTOR: /

PRESSURE ALT: FAT:

	DUAL ENGINE		SINGLE ENGINE	
	NO LOAD	WITH LOAD	NO LOAD	WITH LOAD
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: /

PRESSURE ALT: FAT:

	DUAL ENGINE				SINGLE ENGINE			
	NO LOAD		WITH LOAD		NO LOAD		WITH LOAD	
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								