SECTION 5 – PERFORMANCE DATA

NOTE ALL ITEMS REMAIN AS IN BASIC RFM EXCEPT THE FOLLOWING:

HOVERING CEILING
IN GROUND EFFECT
TAKE-OFF POWER

ENGINE RPM 100%

NOTE: In ground effect hovering based on four (4) foot skid height
SECTION 5 – PERFORMANCE DATA (CONT.)

HOVERING CEILING
OUT OF GROUND EFFECT
TAKE-OFF POWER

ENGINE RPM 100%

PRESSURE ALTITUDE - FEET

GROSS WEIGHT - LB

OAT - 20°C
OAT - 10°C
OAT - 0°C
OAT - 10°C

MAX. OPER. TEMP.

0°C
20°C
30°C
40°C
50°C
60°C
70°C
80°C

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SECTION 5 – PERFORMANCE DATA (CONT.)

HOVERING CEILING
IN GROUND EFFECT
TAKE-OFF POWER

EXTERNAL CARGO CONFIGURATION  ENGINE RPM 100%

GROSS WEIGHT - LB

NOTE: In ground effect hovering based on four (4) foot skid height
SECTION 5 – PERFORMANCE DATA (CONT.)

HOVERING CEILING
OUT OF GROUND EFFECT
TAKE-OFF POWER

EXTERNAL CARGO CONFIGURATION
ENGINE RPM 100%

GROSS WEIGHT - LB
PRESSURE ALTITUDE, FEET
6000 7000 8000 9000
0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000

EXTENSION TO 9500 LB GROSS WEIGHT IS FOR EXTERNAL CARGO SUPPLEMENT ONLY

MAX OPER TEMP
60°C 40°C 25°C 0°C -10°C -20°C -30°C -40°C
HOVER CEILING 29°C OAT
HOVER CEILING 24°C OAT
HOVER CEILING 20°C OAT
HOVER CEILING 16°C OAT
HOVER CEILING 12°C OAT
HOVER CEILING 0°C OAT
HOVER CEILING -4°C OAT
HOVER CEILING -10°C OAT
HOVER CEILING -20°C OAT
HOVER CEILING -30°C OAT
HOVER CEILING -40°C OAT

Rotorcraft Flight Manual Supplement
NASA / BLR Tailboom Strakes for:
Helicopter Models: Bell 204B

Document No. RFMS-BH205-3a
FAA-Approved March 12, 2004

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