

# 비행시험 검사표

HL 9186

국 토 교 통 부  
서울지방항공청

# ◇ BELL206L-3

## 1. 일반사항

등록부호	HL9186		장소	김포-소래 LOCAL		
항공기 기체시간	2601:40		발동기시간	1012:40		
비행일자	2019. 07. 04.					
비행시간	BLOCK TIME		RAMP OUT	14:20	RAMP IN	15:05
	FLIGHT TIME		TAKE OFF	14:25	LANDING	15:03
비행목적	감항증명을 위한 비행시험					
승무원	김정식, 이명환					
검사원 / 확인정비사	강태곤					
정부검사관	이주열, 노태훈					

## 2. 비행 전 점검

### 가. 외부점검

- 1) CABIN RIGHT SIDE-----SAT, UNSAT
- 2) CENTER RIGHT SIDE-----SAT, UNSAT
- 3) AFT RIGHT SIDE-----SAT, UNSAT
- 4) FULL AFT-----SAT, UNSAT
- 5) AFT LEFT SIDE-----SAT, UNSAT
- 6) CABIN LEFT SIDE-----SAT, UNSAT
- 7) FRONT-----SAT, UNSAT
- 8) TIE DOWN-----SAT, UNSAT
- 9) ELECTRIC FUEL DRAIN-----SAT, UNSAT

나. 내부점검

- 1) CABIN INTERIOR-----SAT<sup>✓</sup>, UNSAT
- 2) FIRE EXTINGUISHER-----SAT<sup>✓</sup>, UNSAT
- 3) FIRST AID KIT-----SAT<sup>✓</sup>, UNSAT
- 4) COPILOT CONTROLS-----SAT<sup>✓</sup>, UNSAT
- 5) COPILOT SEAT BELT-----SAT<sup>✓</sup>, UNSAT
- 6) CABIN LOADING-----SAT<sup>✓</sup>, UNSAT
- 7) CABIN DOORS-----SAT<sup>✓</sup>, UNSAT

3. 지상 시운전 점검

가. 시동 전 점검

- 1) CONTROLS & THROTTLE RIG-----SAT<sup>✓</sup>, UNSAT
- 2) WINDSHIELD CONDITION-----SAT<sup>✓</sup>, UNSAT
- 3) PEDAL ADJ/FORCE-----SAT<sup>✓</sup>, UNSAT
- 4) INSTRUMENT MARKINGS-----SAT<sup>✓</sup>, UNSAT
- 5) WRNS LTS & HORNS-----SAT<sup>✓</sup>, UNSAT
- 6) CIR/BKRS SWITCHES-----SAT<sup>✓</sup>, UNSAT
- 7) LDG LTS S/W-----SAT<sup>✓</sup>, UNSAT
- 8) ENG ANTI - ICE S/W-----SAT<sup>✓</sup>, UNSAT
- 9) CONTROL BOOST OR HYD-----SAT<sup>✓</sup>, UNSAT
- 10) FUEL VALVE S/W-----SAT<sup>✓</sup>, UNSAT
- 11) ALTIMETER-----SAT<sup>✓</sup>, UNSAT
- 12) INSTRUMENT /GAGES-----SAT<sup>✓</sup>, UNSAT
- 13) GENERATOR S/W-----SAT<sup>✓</sup>, UNSAT
- 14) BATTERY S/W-----SAT<sup>✓</sup>, UNSAT
- 15) WRN HORN MUTE-----SAT<sup>✓</sup>, UNSAT
- 16) CAUTION LT TEST BUTTON-----SAT<sup>✓</sup>, UNSAT
- 17) TOT LT TEST BUTTON-----SAT<sup>✓</sup>, UNSAT
- 18) ROTOR LOW RPM SYS-----SAT<sup>✓</sup>, UNSAT
- 19) FUEL BOOST PUMP<AFT, FWD>-----SAT<sup>✓</sup>, UNSAT
- 20) ANTI COLLISION LT-----SAT<sup>✓</sup>, UNSAT

나. 시동 후 점검

- 1) STARTER OPER-----SAT, UNSAT
- 2) IGNITER OPER-----SAT, UNSAT
- 3) GENERATOR-----SAT, UNSAT
- 4) GYRO OPER-----SAT, UNSAT
- 5) M/R TRACK-----SAT, UNSAT
- 6) HYD BOOST OPER-----SAT, UNSAT
- 7) CONTROL BOOST OFF-----SAT, UNSAT
- 8) CYCLIC FRICTION-----SAT, UNSAT
- 9) COLLECTIVE FRICTION-----SAT, UNSAT
- 10) FLIGHT INSTRUMENT-----SAT, UNSAT
- 11) NON FLIGHT INST'-----SAT, UNSAT
- 12) ANTI-ICE OPER-----SAT, UNSAT
- 13) HEATER OPER-----SAT, UNSAT
- 14) AVIONICS-----SAT, UNSAT
- 15) WRN & CAUTION LTS-----SAT, UNSAT
- 16) FLT IDLE POSITION-----SAT, UNSAT
- 17) BEEP S/W OPER-----SAT, UNSAT
- 18) FWD BOOST PUMP PRESS-----SAT, UNSAT
- 19) AFT BOOST PUMP PRESS-----SAT, UNSAT
- 20) GOVERNOR CONTROL-----SAT, UNSAT
- 21) ENG OIL PRESS-----SAT, UNSAT
- 22) ENG OIL TEMP-----SAT, UNSAT
- 23) X-MSN OIL PRESS-----SAT, UNSAT
- 24) X-MSN OIL TEMP-----SAT, UNSAT
- 25) DECAL CHECK-----SAT, UNSAT
- 26) TORQUE METER FLUX-----SAT, UNSAT
- 27) NI STABILITY-----SAT, UNSAT
- 28) ENG LAG-----SAT, UNSAT
- 29) HYD BOOST OFF-----SAT, UNSAT
- 30) KITS-----SAT, UNSAT

4. HOVERING & LOW SPEED

- 1) CYCLIC RIG & RESPONSE ----- SAT, UNSAT
- 2) PEDAL RIG & RESPONSE ----- SAT, UNSAT
- 3) COLL' RIG & RESPONSE ----- SAT, UNSAT
- 4) COUPLING, BOOST ON ----- SAT, UNSAT
- 5) VIBRATIONS ----- SAT, UNSAT

5. 비행 중 점검

가. BOOST OFF OPERATION

- 1) CYCLIC----- SAT, UNSAT
- 2) COLLECTIVE----- SAT, UNSAT
- 3) PEDAL----- SAT, UNSAT

나. CONTROLLABILITY

- 1) MAX RPM----- SAT, UNSAT
- 2) MIN RPM----- SAT, UNSAT
- 3) CLIMB----- SAT, UNSAT
- 4) LET DOWN----- SAT, UNSAT
- 5) NORMAL MANEUVERS----- SAT, UNSAT

6. AUTO-ROTATION

- 1) 52 KTS RPM ----- SAT, UNSAT
- 2) RIGHT PEDAL CONTROL ----- SAT, UNSAT
- 3) VIBRATION ----- SAT, UNSAT
- 4) VNE AUTO RPM ----- SAT, UNSAT

7. NORMAL MANEUVERS

- 1) CONTROL FORCES-----SAT, UNSAT
- 2) VIBRATIONS-----SAT, UNSAT
- 3) GYRO & FLT INST'-----SAT, UNSAT
- 4) PEDAL-----SAT, UNSAT
- 5) VNE <FWD CYCLIC>-----SAT, UNSAT
- 6) BOTH PUMPS OFF-----SAT, UNSAT

구 분	N 1	N 2	TORQU E	T.O.T	FUEL/P	ENG OIL	X-MSN
LIMITS	60-105%	97-100%	0-100%	100-810°C	4-30 PSI	P 90-130 120	P 30-70 90
	90	99	19	599	10	T 0-107 70	T 15-110 50

- O.A.T : 24 °C,

- P.A : 1200 FT

8. SHUT DOWN

- 1) FLT IDLE STOP OPER ----- SAT, UNSAT
- 2) ENG SHUT DOWN ----- SAT, UNSAT
- 3) HORN & LT OPER ----- SAT, UNSAT
- 4) FUEL VALVE SHUT DOWN ----- SAT, UNSAT

9. 시험비행 결과 :

기 장 : 김민석  
 검사원 또는 확인정비사 : 김태훈  
 정 부 검 사 관 : 이주연  
노태훈  
 시 험 비 행 일 자 : 2019. 07. 04

서명 : 김민석  
 서명 : 김태훈  
 서명 : 이주연  
노태훈