

**0.- Battery** ..... **Connected**

**1.- FUSELAGE -- CABIN FRONT RIGHT SIDE**

- a.- Right Static Port ..... Condition
- b.- Cabin Doors ..... Condition & Secured
- c.- Windows ..... Condition & Secured
- d.- Landing Gear ..... Condition & No Wheels

**2.- FUSELAGE -- FRONT UPPER RIGHT SIDE**

- a.- Cabin roof, xmsn fairing, air inlet ..... Clean
- b.- Hydraulic Level / Lock Pin ..... Checked/Secured
- c.- Hydraulic system filter ..... Bypass indicator retracted
- d.- Hydraulic actuators and lines ..... Cond, security, interf, leakage
- e.- Forward Fairing ..... Secured
- f.- Access Door ..... Secured

**3.- TRANSMISSION AREA - RIGHT**

- a.- Main Driveshaft forward coupling ..... Cond, Security, grease leaks
- b.- Main Driveshaft templates ..... White
- c.- Transmission ..... Oil level and area clear for leaks
- d.- Transmission and mounts ..... Security & condition
- e.- Isolation mount ..... Condition
- f.- Drag pin ..... Secured, no contact with static stop
- g.- Access Door ..... Secured
- h.- Air Induction cowling ..... Secured
- i.- Engine inlet and plenum ..... Condition, Clear of obstructions
- j.- Fuel filler cap ..... Visually check level. Cap secured
- k.- Fuel Sump
  - Fuel Boost aft and fwd circuit bkr ..... OUT
  - BAT Switch ..... ON
  - Fuel valve switch ..... OFF
  - Fuel drain or button ..... PRESS & SAMPLE
- l.- A/F Fuel filter
  - Fuel valve switch ..... ON
  - Fuel boost circuit breakers ..... BOTH IN
  - Fuel filter drain valve ..... PRESS & SAMPLE
  - Caution light circuit breaker ..... IN
  - Fuel filter bypass test switch ..... PRESS & CHECK LT
  - Fuel valve switch ..... OFF
  - BAT Switch ..... OFF

**4.- POWER PLANT AREA - RIGHT**

- a.- Main drive shaft forward coupling ..... Cond, Sec & Grease Leaks
- b.- Main drive shaft templates ..... White
- c.- Engine ..... Cond, Secured of attachmnts
- d.- Engine mounts ..... Cond & Secured
- e.- Throttle Linkage ..... Cond, Secure & free
- f.- Fuel control and governor ..... No leaks
- g.- Hoses and tubing ..... Chafing, Cond & Secured
- h.- Exhaust stack and clamp ..... Secured & Condition
- i.- Engine cowl ..... Secured
- j.- Generator cooling scoop ..... Clear of debris
- k.- Right exhaust cover ..... Removed
- l.- Engine oil dip stick level ..... Checked, No leaks, Cap secured
- m.- Access door ..... Secured
- n.- Aft fairing ..... Secured

**5.- FUSELAGE -- AFT RIGHT SIDE**

- a.- Fuselage ..... Condition
- b.- Tail rotor drive-shaft cover ..... Condition & Secured
- c.- Tail-boom ..... Cond rivets & Secured
- d.- Horizontal stabilizer and pos lights ..... Cond & Secured
- e.- Main rotor blade ..... Cond & Clean

**6.- FUSELAGE -- FULL AFT**

- a.- Vertical fin ..... Condition
- b.- Tail rotor guard ..... Condition & Secured
- c.- Anti collision light ..... Condition
- d.- Aft position light ..... Condition
- e.- Tail rotor gearbox ..... Oil level, leaks & Secured
- f.- Tail rotor ..... Tiedown removed, Cond & Free Movemt
- g.- Tail rotor controls ..... Condition, Sec & Free
- h.- Tail rotor blade ..... Cond, Tip blk, Rivet damage, Corrsn & Seals

**Continue other side** >>>>>

**BELL 206 BIII PREFLIGHT INSPECTION**

**N4050X**

**LOBO:AEROSPACE**

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## 7.- FUSELAGE -- AFT LEFT SIDE

- a.- Main rotor blade ..... Tiedown removed & condition
- b.- Tailboom ..... Condition & rivets secured
- c.- Tail rotor driveshaft cover ..... Condition & secured
- d.- Horizontal stabilizer and pos light ..... Condition & secured
- e.- Fuselage ..... Condition
- f.- Baggage compartment ..... Door secured
- g.- Forward tail rotor driveshaft coupling
  - Splined adapter ..... Condition
  - Whitness pin ..... Freedom of rot
- h.- Oil cooler blower shft hngr bearngs ..... No grease leak & ovr heat
- i.- Oil cooler blower ..... Clean & condition
- j.- Oil cooler ..... Condition & leaks
- k.- Oil cooler access door..... Secured
- l.- Aft fairing ..... Secured
- m.-Left exhaust cover ..... Removed

## 8.-POWERPLANT AREA - LEFT

- a.- Engine ..... Condition, security of attachments
- b.- Engine mounts ..... Condition & security
- c.- Exhaust stack and clamp ..... Condition & security
- d.- General engine area ..... Free of fuel & oil leaks
- e.- Hoses and tubing ..... No chafing, cond & no leaks
- f.- Linear actuator and gov ctl linkage ..... Condition & security
- g.- Engine anti ice valve and linkage ..... Condition & security
- h.- Tail rotor driveshaft .....Spline couplings cond, free rot
- i.- Engine cowling ..... Secured
- j.- Air induction cowling ..... Secured
- k.- Engine inlet and plenum ..... Condition & clear of obstructions

## 9.-TRANSMISION AREA - LEFT

- a.- Transmission and mounts ..... Condition, secured & no leaks
- b.- Isolation mount ..... Condition
- c.- Access door ..... Secured

## 10.- FUSELAGE CABIN LEFT SIDE

- a.- Cabin roof, transmission fairing and engine air inlet area ..... Clean
- b.- Rotor head reservoirs (oil lub) ..... Visible oil level
- c.- Main rotor hub and yoke ..... Condition & no cracks
- d.- Pitch horn trunnion bearing ..... Wear & secured
- e.- Main rotor pitch links ..... Cond, craks, secrd attach bolts & locks
- f.- Swashplate assmby ..... Cond, secrd, attach ctls, boot cond
- g.- Control linkages to SWPT.....Cond, secrd of attach bolts & locks
- h.- Forward fairing and access door ..... Secured
- i.- Cabin doors ..... Condition & security
- j.- Landing gear ..... Condition & No Wheels
- k.- Left static port ..... Condition & clean

## 11.- FUSELAGE -- FRONT

- a.- Exterior surface ..... Condition
- b.- Windshield ..... Condition & clean
- c.- Battery and vent lines ..... Condition
- d.- Battery access door ..... Secured
- e.- Pitot tube ..... Cover removed & clean
- f.- External power door ..... Condition & secured
- g.- Landing light glass ..... Condition
- h.- Antennas ..... Condition & secured
- i.- Main rotor blades ..... Condition & clean
- j.- External power ..... Connect (if required)

## 12.- CABIN INTERIOR CHECK

- k.- Cabin interior ..... Cleanliness & security
- l.- Fire extinguisher ..... Security, condition & level
- m.-Copilot doual controls ..... Security & proper installation
- n.- Copilot pedals ..... No interference
- n.- Seat belts ..... Inside & secured (if solo)
- o.- Cabin doors ..... Closed
- p.- Passangers ..... Briefed
- Q.- All required documents ..... Onboard

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