

SUPER DIMONA HK36TTC (JA2845)
NORMAL CHECK LIST

BEFORE START

1. Pre-Fight Inspection..... Complete
2. Weight & Balance..... Check
3. Fuel Valve..... Open
4. Rudder Pedals..... Adjust
5. Seat Belts & Harness..... Fasten
6. Controls..... Free
7. Air Brakes..... Check & Lock
8. Flight Instruments..... Check
9. Altimeter..... Set
10. Elec. Switches..... Off
11. Turbo Control Unit..... On(Guard)
12. Circuit Breakers..... In
13. Trim..... Set
14. Parking Brake..... Set
15. Canopy..... Close & Lock

STARTING ENGINE

1. Master Switch..... On
2. Mode Select Switch..... Power Flight
3. Warning & Caution Lights..... Check
4. Fuel Indicator..... Check
5. Cowl Flap..... Open (push)
6. Carburetor Heat..... Off (push)
7. Propeller Control..... Take Off
8. Throttle..... Idle
9. Choke..... [cold start-On(pull)]
10. Fuel Pump..... On
11. Fuel Warning Light..... Out
12. Propeller Area..... "Clear"
13. Ignition..... Start
14. Throttle..... 1000 rpm
15. Oil Pressure..... Check

AFTER START

1. Anti Collision Light.....On
2. Fuel Pump.....Off
3. Fuel Warning Light.....Out
4. Radio, Nav..... On & Set
5. Transponder.....SQ1200(VFR) Stand by
6. Choke..... Off (push)
7. Directional Gyro..... Set
8. Oil Temperature..... Check(green band)

ENGINE RUN-UP

1. Parking Brake..... Set
2. Throttle..... 1600 rpm
3. Magneto Check..... Drop 50~150 rpm/ Max Diff. 50rpm
4. Carburetor heat Check..... Drop 20 rpm
5. Throttle..... 2000 rpm
6. Propeller Control Check
.....Cruise (pull to cam before Feather)
.....Drop 100 rpm
.....Take Off ★ repeat 3 times
7. Throttle..... 1000 rpm
8. Engine Instruments..... Check

BEFORE TAKE OFF

1. Air Brakes..... Lock
2. Fuel pump.....On
3. Engine Instruments.....Check
4. Fuel Indicator.....Check
5. Transponder.....Alt
6. Ignition..... Both
7. Cowl Flap..... Open
8. Carburetor Heat..... Off
9. Propeller Control..... Take Off

- 10. Trim..... Set
- 11. Parking Brake..... Off

APR 02

TAKE OFF & CLIMB

- 1. Throttle..... Max power
(MAP yellow range / Propeller Control 2350±35 rpm)
- 2. Climb Power.....Set [at 300ft AGL]
(MAP below yellow range ,35 inch / Prop Control 2200 rpm)
- 3. Fuel Pump.....Off

Vr 80km/h(43kts) Vx 97km(52kts) Vy 110k(59kts)

CRUISE

★repeat every 30 min

- 1. Cruise Power..... Set
- 2. Engine Instruments..... Check
- 3. Fuel Indicator..... Check
- 4. Directional Gyro..... Reset
[SQ1400 (VFR) above 10,000ft]

LANDING

★power off landing 5/6 items only

- 1. Fuel Pump..... On
- 2. Cowl Flap..... Open
- 3. Carburetor Heat..... On (pull)
- 4. Propeller Control..... Take Off
- 5. Trim.....Set
- 6. Altimeter..... Set

APPROACH SPEED 120km(65kts)

APR 02

CRUISE POWER	TAS	Max Flight Time
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MAP	RPM	Fuel Flow	3300 ft	6600 ft	9800 ft	
30 (75%MCP)	2100	20L/h	197km/h (106kts)	201km (109kts)	205km (111kts)	3.5h
28 (60% MCP)	2000	17 L/h	185km/h (100kts)	187km/h (101kts)	190km/h (103kts)	4.5h
26 (45% MCP)	1900	14 L/h	167km/h (90kts)	170km/h (92kts)	173km/h (93kts)	5.5h

(power reduce rate MAP 2 in /100 rpm) (MCP=Max Continuous Power)

AFTER LANDING

1. Air Brakes.....Close
2. Fuel PumpOff
3. Transponder..... Stand by
4. Carburetor Heat.....Off(push)

PARKING

1. Parking Brake..... Set
2. Carburetor Heat Off
3. Propeller Control..... Take Off
4. ThrottleIdle(aft 1min at 1000rpm)
5. Fuel Pump Off
6. Anti Collision Light..... Off
7. GPS, Radio, Transponder.....Off
8. Ignition.....Off
9. Master Switch..... Off
10. Mode Select Switch..... Soaring
11. Air Brakes..... Lock

GO AROUND

TOUCH & GO

1. Air Brakes.....Close(or) half extended position
2. Carburetor Heat.....Off (push)
3. Propeller Control..... Take Off

- 4. Throttle.....Max Power
- 5. Air Brakes.....Close & Lock

★降下時、長時間のアイドリングは避けよ。(MAP 15 inch を保て)
 ★バッテリー保護のため、Position Light (Navigation Light) および Landing Light の使用は、必要最小限にとどめること。 APR 02

*Max Cross Wind(離着陸時)....4m/s(8kts) *Useable Fuel....77L(79Ltank)
 *Max L/D.... 27 at 105km/h(57kts) *Service Ceiling.... 16,400ft(5000m)

Vne	0~6500ft	6500~9800ft	9800~13100ft
	261km/h(141kts)	246km/h(133kts)	233km/h(126kts)

Vra (rough air)..... 210km/h(113kts) Va....176km/h(95kts)
 Vabf(air brake half extended)....150km/h(80kts)
 Vs1[air brake extended].....81km/h(44kts) Vso....78km/h(42kts)

IN FLIGHT ENGINE SHUT DOWN

- 1. Throttle..... Idle (1min)
- 2. Elec. Switches..... Off
- 3. Air Speed.....100km/h(54kts)
- 4. Ignition.....Off
- 5. Propeller Control.....Feather

- i6. Mode Select Switch..... Soaring
- i7. Cowl Flap..... Close (pull)

IN FLIGHT ENGINE START

- 1. Elec. Switches.....Off
- 2. Master Switch.....On
- 3. Mode Select Switch..... Power Flight
- 4. Cowl Flap..... Open (push)
- 5. Carburetor Heat..... Off (push)
- 6. Propeller Control..... Take Off
- 7. Throttle..... Idle
- 8. Choke..... [cold start- On(pull)]
- 9. Fuel Pump.....On
- 10. Ignition..... Start
- 11. Oil Pressure..... Check
- 12. Choke..... Off (push)
- 13. Fuel Pump..... Off
- 14. Fuel Warning Light..... Out
- 15. Elec. Switches..... On
- 16. Oil Temperature..... Check
- 17. Propeller Control Check
 -Throttle 2000 rpm
 -Cruise (pull to cam before Feather)
 -Drop 100 rpm
 -Take Off ★ Repeat 3 times

★ 再始動時は、十分な高度を確保しておくこと。

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