

## Dwarf - Vliegschool Hilversum

Before Starting Engine	
Outside inspection	completed
Ship's papers	on board
Safety belts	fastened
Doors closed	and locked
Parking brake	set
Fuel selector valve	fullest tank
All electrical switches	off
Radio and transponder	off
Starting Engine	
Key	installed
Master switch (red)	on
Strobe light switch	on
Instrument switch	on
Fuel pump on (check)	then off
Throttle	closed (nudge)
Choke (cold engine)	pull
Propeller area	clear
Start engine	turn key
After Starting	
Engine instruments	on
Throttle	2,000 rpm
Engine instruments	check
Radio and transponder	on
Flaps	up
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During Taxiing	
During Taxiing Speed	max. 15 km/h
During Taxiing Speed Brakes	max. 15 km/h check
During Taxiing Speed Brakes Compas and slip indicator	max. 15 km/h
During Taxiing Speed Brakes Compas and slip indicator Engine Check	max. 15 km/h check check
During Taxiing Speed Brakes Compas and slip indicator Engine Check Parking brake	max. 15 km/h check check
During Taxiing Speed Brakes Compas and slip indicator Engine Check Parking brake Engine instruments	max. 15 km/h check check set check
During Taxiing Speed Brakes Compas and slip indicator Engine Check Parking brake Engine instruments Check behind	max. 15 km/h check check set check clear
During Taxiing Speed Brakes Compas and slip indicator Engine Check Parking brake Engine instruments Check behind Throttle	max. 15 km/h check check set check clear 3,500 rpm
During Taxiing  Speed  Brakes  Compas and slip indicator  Engine Check  Parking brake  Engine instruments  Check behind  Throttle  Magneto check L/R	max. 15 km/h check check set check clear 3,500 rpm max drop 150 rpm
During Taxiing  Speed  Brakes  Compas and slip indicator  Engine Check  Parking brake  Engine instruments  Check behind  Throttle  Magneto check L/R  Throttle	max. 15 km/h check check set check clear 3,500 rpm
During Taxiing  Speed  Brakes  Compas and slip indicator  Engine Check  Parking brake  Engine instruments  Check behind  Throttle  Magneto check L/R  Throttle  Before Take-off Checks	max. 15 km/h check check  set check clear 3,500 rpm max drop 150 rpm idle (1,500 rpm)
During Taxiing  Speed  Brakes  Compas and slip indicator  Engine Check  Parking brake  Engine instruments  Check behind  Throttle  Magneto check L/R  Throttle	max. 15 km/h check check set check clear 3,500 rpm max drop 150 rpm idle (1,500 rpm)
During Taxiing  Speed  Brakes  Compas and slip indicator  Engine Check  Parking brake  Engine instruments  Check behind  Throttle  Magneto check L/R  Throttle  Before Take-off Checks  Safety belts  Controls	max. 15 km/h check check  set check clear 3,500 rpm max drop 150 rpm idle (1,500 rpm)  fastened free and correct
During Taxiing  Speed  Brakes  Compas and slip indicator  Engine Check  Parking brake  Engine instruments  Check behind  Throttle  Magneto check L/R  Throttle  Before Take-off Checks  Safety belts  Controls  Trim	max. 15 km/h check check  set check clear 3,500 rpm max drop 150 rpm idle (1,500 rpm)  fastened free and correct neutral
During Taxiing  Speed  Brakes  Compas and slip indicator  Engine Check  Parking brake  Engine instruments  Check behind  Throttle  Magneto check L/R  Throttle  Before Take-off Checks  Safety belts  Controls  Trim  Flaps	max. 15 km/h check check  set check clear 3,500 rpm max drop 150 rpm idle (1,500 rpm)  fastened free and correct neutral as required (15°)
During Taxiing  Speed  Brakes  Compas and slip indicator  Engine Check  Parking brake  Engine instruments  Check behind  Throttle  Magneto check L/R  Throttle  Before Take-off Checks  Safety belts  Controls  Trim  Flaps  Fuel pump	max. 15 km/h check check  set check clear 3,500 rpm max drop 150 rpm idle (1,500 rpm)  fastened free and correct neutral as required (15°) on
During Taxiing  Speed  Brakes  Compas and slip indicator  Engine Check  Parking brake  Engine instruments  Check behind  Throttle  Magneto check L/R  Throttle  Before Take-off Checks  Safety belts  Controls  Trim  Flaps	max. 15 km/h check check  set check clear 3,500 rpm max drop 150 rpm idle (1,500 rpm)  fastened free and correct neutral as required (15°)
During Taxiing  Speed  Brakes  Compas and slip indicator  Engine Check  Parking brake  Engine instruments  Check behind  Throttle  Magneto check L/R  Throttle  Before Take-off Checks  Safety belts  Controls  Trim  Flaps  Fuel pump  Flight + Engine instruments  Transponder	max. 15 km/h check check  set check clear 3,500 rpm max drop 150 rpm idle (1,500 rpm)  fastened free and correct neutral as required (15°) on check (Altimeter!)
During Taxiing  Speed  Brakes  Compas and slip indicator  Engine Check  Parking brake  Engine instruments  Check behind  Throttle  Magneto check L/R  Throttle  Before Take-off Checks  Safety belts  Controls  Trim  Flaps  Fuel pump  Flight + Engine instruments	max. 15 km/h check check  set check clear 3,500 rpm max drop 150 rpm idle (1,500 rpm)  fastened free and correct neutral as required (15°) on check (Altimeter!)
During Taxiing  Speed  Brakes  Compas and slip indicator  Engine Check  Parking brake  Engine instruments  Check behind  Throttle  Magneto check L/R  Throttle  Before Take-off Checks  Safety belts  Controls  Trim  Flaps  Fuel pump  Flight + Engine instruments  Transponder  Take-off Procedure	max. 15 km/h check check  set check clear 3,500 rpm max drop 150 rpm idle (1,500 rpm)  fastened free and correct neutral as required (15°) on check (Altimeter!) ACS
During Taxiing  Speed  Brakes  Compas and slip indicator  Engine Check  Parking brake  Engine instruments  Check behind  Throttle  Magneto check L/R  Throttle  Before Take-off Checks  Safety belts  Controls  Trim  Flaps  Fuel pump  Flight + Engine instruments  Transponder  Take-off Procedure  Parking brake	max. 15 km/h check check  set check clear 3,500 rpm max drop 150 rpm idle (1,500 rpm)  fastened free and correct neutral as required (15°) on check (Altimeter!) ACS
During Taxiing  Speed  Brakes  Compas and slip indicator  Engine Check  Parking brake  Engine instruments  Check behind  Throttle  Magneto check L/R  Throttle  Before Take-off Checks  Safety belts  Controls  Trim  Flaps  Fuel pump  Flight + Engine instruments  Transponder  Take-off Procedure  Parking brake  Throttle full	max. 15 km/h check check  set check clear 3,500 rpm max drop 150 rpm idle (1,500 rpm)  fastened free and correct neutral as required (15°) on check (Altimeter!) ACS  release check 5,000 rpm

After Take-off	
Brakes	apply
Flaps	up above 200 ft.
Engine instruments	check
Clear off the Circuit (Cruise)	
Fuel pump	off
Cruise	4,800 rpm
Fuel check tanks	left / right
Before Descent	
Altimeter	set
Fuel selector	fullest tank
Downwind Checks	
Safety belts	fastened
Fuel check tanks	left / right
Fuel selector	fullest tank
Landing Light	on
Fuel Pump	on
Throttle	4,000 rpm
Speed	< 120 km/h
Flaps	15°
Trim	set
Engine instruments	check
Baseleg Checks	
Throttle	3,000 rpm
Speed	< 120 km/h
Flaps	30°
Trim	set
On Final Checks	
Throttle	3,000 rpm
Speed	< 120 km/h
Flaps	30°
Decision altitude	
Speed	< 110 km/h
Flaps	45°
Threshold	< 90 km/h
Touchdown	75 km/h
After Landing	-
Flaps	up
Fuel pump	off
Landing light	off
After Parking	
Parking brake	set
Parking brake Throttle	+
Throttle	idle run
Throttle Radio and transponder	idle run off
Throttle Radio and transponder All electric switches	idle run off off
Throttle Radio and transponder All electric switches Ignition	off off off
Throttle Radio and transponder All electric switches	idle run off off