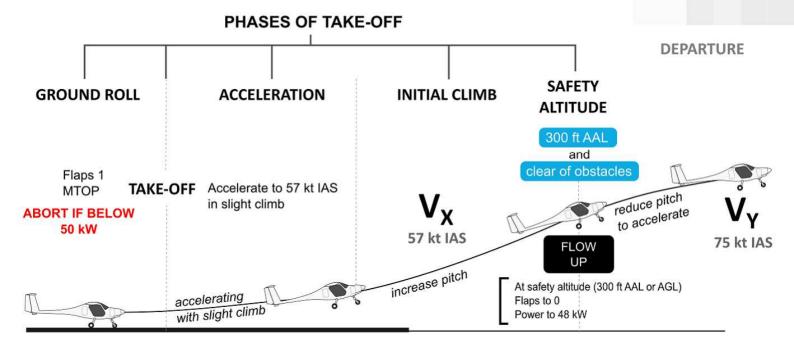


Aircraft Handout REV 06 I APR 2021

SETTINGS AND MANOUVERS



INITIAL CLIMB

Take-off power (MTOP = max 64 kW) / V_X =57 kt IAS / Flaps 1











CLIMB

Maximum continuous power (MCP = 48 kW) / V_Y =75 kt IAS / Flaps 0











LEVEL FLIGHT

Power: 25 kW, ~80 kt, Flaps 0













Aircraft Handout REV 06 I APR 2021 PIPISTREL

SETTINGS AND MANOUVERS

ENTRY PROCEDURES FOR MANOUVERING: STEEP TURNS / STALLS / SLOW

STEEP TURNS

power to 30-35 kW load to 2 G (use Horis)

STALLS

CLEAN AND IDLE

power to zero flaps 0

SLOW FLIGHT

flaps 0 airspeed 55 kt

V_A

LANDING CONFIGURATION

"like you would be in final approach"

power to zero

airspeed 60 kt IAS

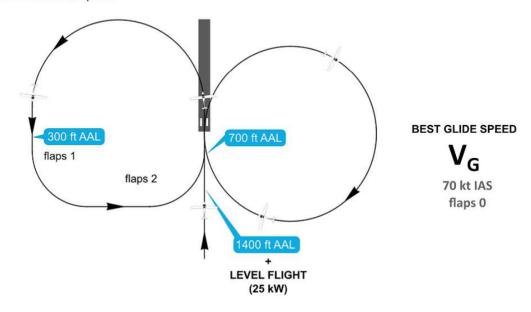
flaps 2

TAKE-OFF CONFIGURATION

"like you would be just after take-off" power to MTOP (max 64 kW) airspeed 60 kt IAS flaps 1

STANDARD ENGINE FAILURE IMITATION

1400 ft over the selected touch down point



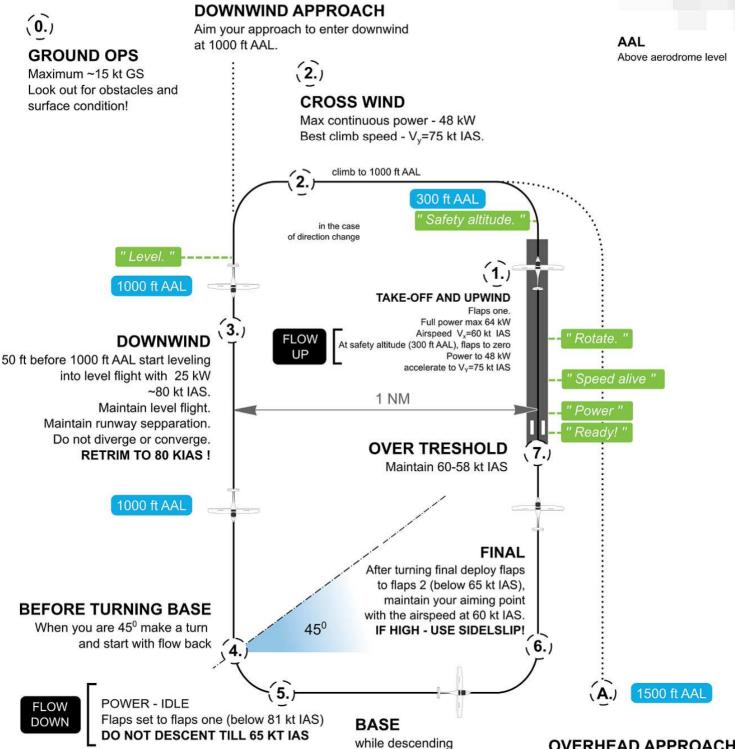
LANDING

PHASES OF LANDING 60 kt IAS FINAL APPROACH ROUND-OFF FLARE ROLL OUT 5 meters 2 meters 0.5 meters 0.5 meters



Aircraft Handout **REV 06 I APR 2021** PIPISTREL

STANDARD TRAFFIC PATTERN



OVERHEAD APPROACH

Aim your approach to be over the airfield at 1500 ft AAL and max 100 kt, so that you have the airfield on your left. Check traffic, runway state and wind.

Overhead approach is used in absence of other instructions or traffic.

maintain 65 kt IAS

ABOVE 65 kt IAS

DO NOT ACCELERATE

RETRIM!





FLOW IN THE TRAFFIC PATTERN

FLOW UP:

FROM INITIAL CLIMB TO CLIMB CONFIGURATION

Memory aide: when the aircraft is going up - the flow goes up



(1)	FLAPS	REDUCE TO ZERO

(2)	POWER	REDUCE TO 49 kW

AIRSPEED	 ACCELERATE 1	TO 75 kt IAS

FLOW DOWN:

DECELERATION AFTER TURNING BASE

Memory aide: When the aircraft is going down the flow goes down.



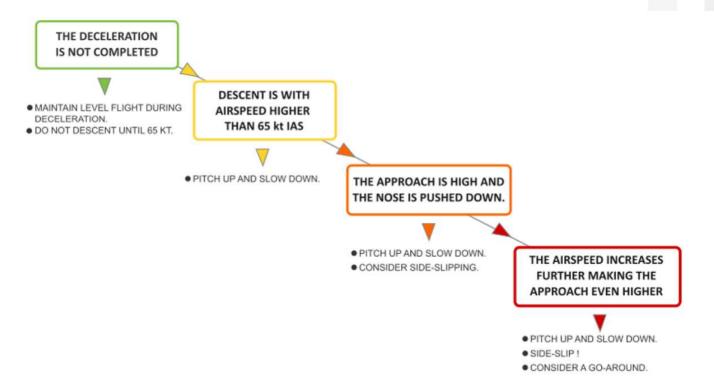
(1)	POWER	REDUCE TO IDLE
C	AIRSPEED .	CHECK BELOW 81 kt IAS
3	FLAPS	INCREASE TO FLAP 1



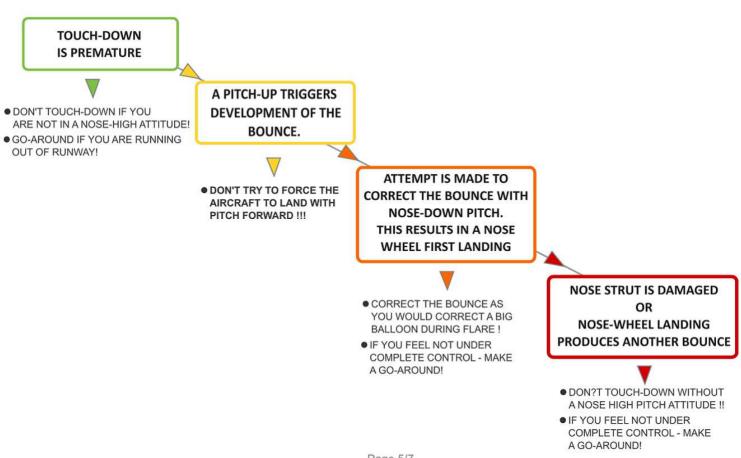


ERROR CHAINS AND HOW TO BREAK THEM

HIGH IN APPROACH ERROR CHAIN:



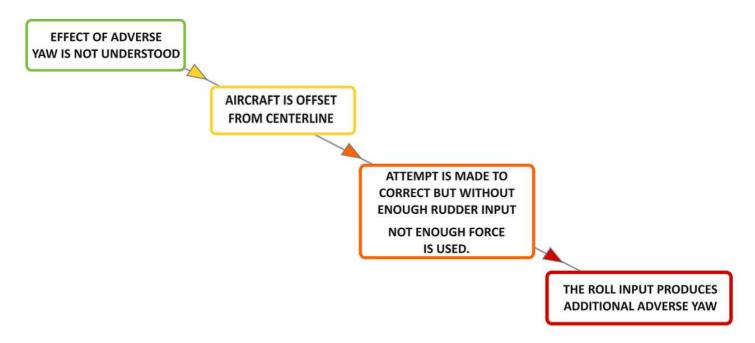
BOUNCE FROM A PREMATURE TOUCH-DOWN ERROR CHAIN:



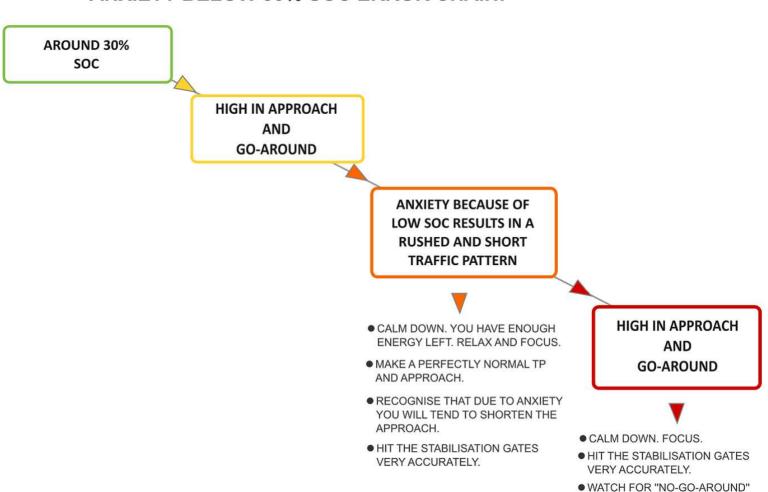


ERROR CHAINS AND HOW TO BREAK THEM

UNDERUSE OF RUDDER PEDALS IN FINAL ERROR CHAIN:

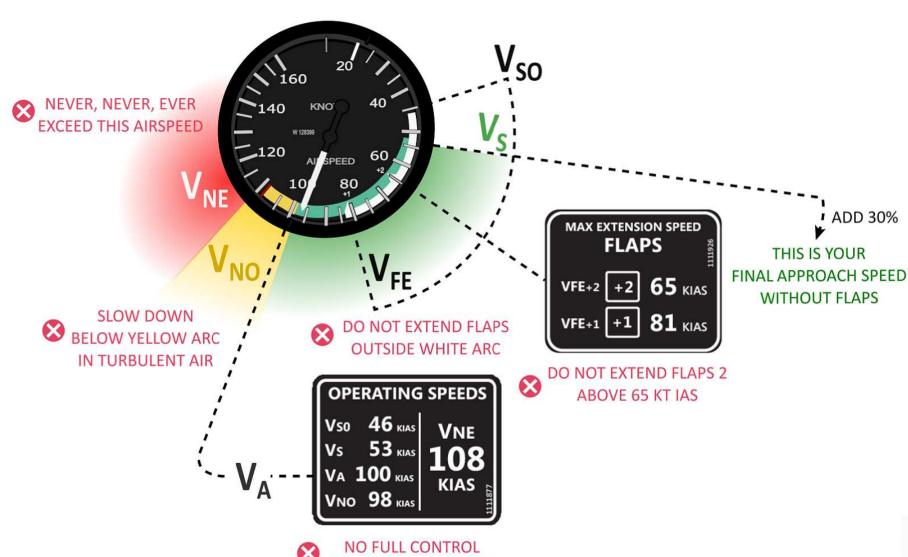


ANXIETY BELOW 30% SOC ERROR CHAIN:



MESSAGE.





DEFLECTIONS ABOVE V_A

