

N8911Y, PA39 Traffic Pattern

Abeam the Numbers:

DESENT POWER

(15", 2300RPM)

GUMPF check 1:

GAS fullest tank, electric pumps ON

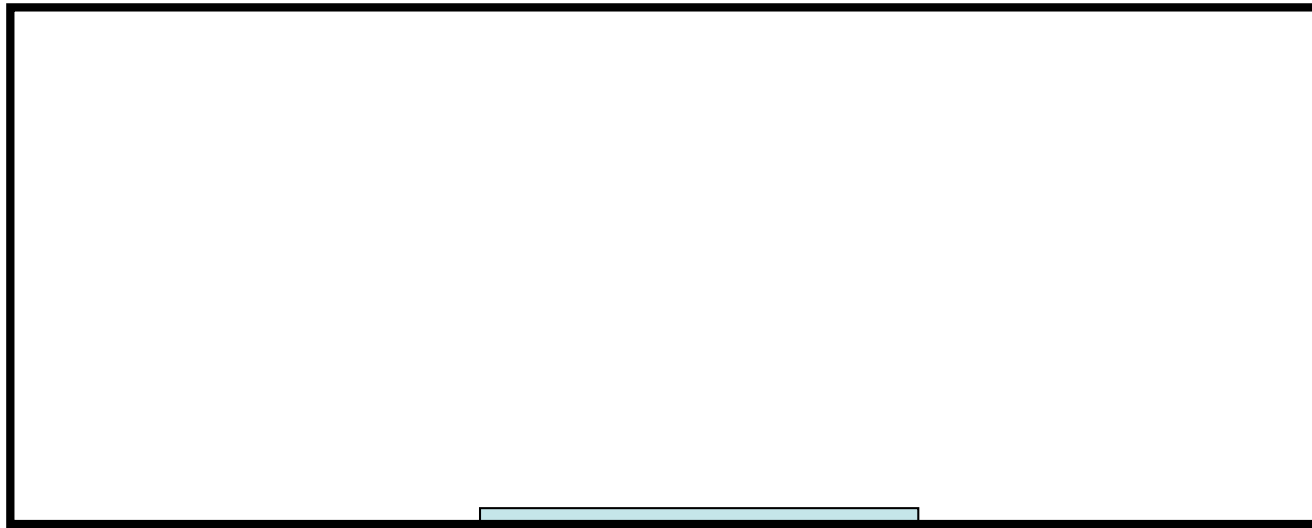
UNDERCARRIGE DOWN

MIXTURE SET

PROPs STAND BY

FLAPS AS REQUIRED

BLUE LINE



1000ft AGL:

Pattern POWER

(18", 2300RPM)

Electric Pumps o

FINAL:

GUMPF check 2:

GAS fullest tank, electric pumps ON

UNDERCARRIGE DOWN

MIXTURE SET

PROPs MAX RPM

FLAPS AS REQUIRED

SPEED: 90MPH



Positive rate of climb,
no more RWY available:

GEAR UP



Positive rate of climb,
clear of obstacle:

**BLUE LINE
FLAPS UP (if set)**



500ft AGL:

TURN X-WIND

CLIMB POWER

(25", 2500RPM)



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Approach

Cruise decent:
CRUISE DESENT POWER
(22", 2300RPM)
Stay within green arc or below Va
(depending on weather)



Slow down to pattern speed:
SET POWER
(18", 2300RPM)
if slow down is required:
Lower gear (below 150Mph,
ideally at 125Mph)



Abeam the Numbers:
DESENT POWER
(15", 2300RPM)
GUMPF check 1:
GAS fullest tank, electric pumps ON
UNDERCARRIGE DOWN
MIXTURE SET
PROPs STAND BY
FLAPS AS REQUIRED
BLUE LINE



FINAL:
GUMPF check 2:
GAS fullest tank, electric pumps ON
UNDERCARRIGE DOWN
MIXTURE SET
PROPs MAX RPM
FLAPS AS REQUIRED
SPEED: 90MPH

Off the Runway:
X-ponder: Standby
Fuel pumps: off
Flaps: up
Cowl Flaps: open
Lights: as required



Shut down:
All electrical equipment: off
Throttle: 1000 RPM
Alternators: off
Mixture: cut off
secure the aircraft:
chocks, tiedown, hangar,
control lock

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Departure

Pre – take off Runway items:

*Abort Plan ready
Transponder on
Fuelpumps on
Landing Light on*

Positive rate of climb,
no more RWY available:
GEAR UP



Positive rate of climb,
clear of obstacle:
**BLUE LINE
FLAPS UP** (if set)



500ft AGL:
**TURN X-WIND
or as advised by ATC
CLIMB POWER
(25", 2500RPM)**



1000ft AGL:
**BIG 5 check:
Adjust**
**1. Throttle
2. Prop
3. Mixture
4. Cowlflaps as required
5. Fuel Pumps off**

**Normal climb speed:
120 – 135 MPH**

Cruise heck:

BIG 5 check:

Adjust

- 1. Throttle 24"**
**or full Throttle
whatever is less**
- 2. Prop 2450RPM or less**
- 3. Mixture set**
- 4. Cowlflaps as required**
- 5. Fuel Pumps off**



Cruise climb:

**CLIMB POWER
Cowlflaps as required
Mixture enrich
Prop 2500RPM
Throttle 25" or full Throttle
(whatever is less)
Normal climb speed:
120 – 135 MPH**