

Trade Winds Aviation
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Remos GX/G3-600 Ground Review Checkout Sheet

The Remos Pilot Operating Handbook, Weight & Balance Data, and Dynon, Garmin, and Rotax 912 ULS manuals are required to complete this worksheet. For model specific questions a notation will be made in the question. The G3-600 will be subsequently noted in this document as the G3.

After completion and review of this checkout sheet by an instructor, a copy should be made for the pilot's reference. The original should be placed in the pilot's record folder.

Pilot: _____ Aircraft Data Used: _____

Date: _____

1. How many fuel tanks are there? _____ The total fuel capacity is _____ gallons and the usable fuel capacity is _____ gallons

2. Where are the fuel level indicators in the **GX** (x3)? _____
in the **G3** (x2)? _____

3. What are the correct fuel grades? _____ Colors? _____

4. How many drains are there and where are they located?

5. What is the recommend type and weight of oil? _____

6. What is the minimum oil level? _____

7. What is the recommended type of coolant fluid? _____

8. What is the aircraft empty weight in the **GX**? _____ in the **G3**? _____

9. What is the useful load in the **GX**? _____ in the **G3**? _____

10. What is the maximum gross takeoff weight? _____

11. What is the minimum flying weight for the **G3**? _____

12. What is the maximum baggage capacity? _____

13. What is the center of gravity range at maximum gross weight? _____

14. What type of engine do these aircraft have? _____

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15. What is the normal starting procedure?

16. How does the start procedure differ if the engine is warm? _____

17. After engine start what must be done with the choke?

18. When does the oil temperature control knob need adjustment?

19. What type of propeller does the **GX** have? _____
How can it be adjusted?

20. What type of propeller does the **G3** have? _____
Can it be adjusted? _____

21. In the **GX** how do you reset the fuel totalizer on the **Dynon EMS-D120**?

22. Where is the HOBBS meter in the **GX**? _____
In the **G3**? _____

23. How is the Horizontal Situation Indicator (HSI) brought up on the **Dynon EFIS-D100**?

24. What visual indication shows that the aileron quick fasteners are properly secured?

25. Prior to moving the aircraft what preflight inspection item must be accomplished?

26. Are the rudder pedals adjustable? _____

27. How is the seat positioned changed?

How many positions are there? _____

28. How are the Indicated Airspeed (IAS) and altimeter (ALT) "bugs" set on the **Dynon EFIS-D100**?

29. In the **GX** how is the flight timer brought up on the **Dynon EMS-D120**?

30. What are the two ways to adjust the barometric pressure in the **GX**?

How is barometric pressure adjusted in the **G3**?

31. How are the menu soft keys brought up on the **Dynon EFIS-D100** and **Dynon EMS-D120**?

32. In the **GX** how is the trip timer reset on the **Dynon EMS-D120**?

33. Where is True Airspeed (TAS) displayed on the **Dynon EFIS-D100**?

34. List the steps required to fly directly to an airport using the **Garmin 496 GPS**

35. How can the nearest airport be found using the **Garmin 496 GPS**?

36. In the **GX** where is the GPS/NAV annunciator found, and what is its purpose?

37. How can the floor and ceiling of class B and C airspace be determined using the **Garmin 496 GPS**?

38. What is the balked/aborted landing procedure for the **GX**?

39. What is the balked/aborted landing procedure for the **G3**?

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40. List the following speeds and speed ranges: **Knots** for the **GX**; **MPH** for the **G3**

Rotation GX _____ G3 _____	Best Rate Climb GX _____ G3 _____
White Arc GX _____ G3 _____	Green Arc GX _____ G3 _____
Yellow Arc GX _____ G3 _____	V_{ne} GX _____ G3 _____
Normal Approach GX _____ G3 _____	Short-Field Approach GX _____ G3 _____
V_{s1} GX _____ G3 _____	V_{so} GX _____ G3 _____
Stall: Flaps down, most forward CG in a 30° bank GX _____; in a turn G3 _____	
Demonstrated Crosswind GX _____	Crosswind Limit G3 _____
Headwind Limit G3 _____	Max Wind for Tie Down GX _____
Best Glide GX _____ G3 _____	V_a GX _____ G3 _____

41. What effect does reducing the gross weight have upon V_a ? _____

42. Given the following: **5,000 RPM, 3,000 feet, standard temperature, 21 gallons usable:**

Range GX _____ G3 _____	TAS GX _____ G3 _____
Fuel Consumption GX _____ G3 _____	Endurance GX _____ G3 _____

43. What is the takeoff distance over a 50-foot obstacle under the following conditions?

Gross takeoff weight, no wind, sea level, and standard temperature:

GX _____ **G3** _____

Gross takeoff weight, no wind, 4,000 foot pressure altitude, 100° F temperature:

GX _____ **G3** _____

44. What is the landing distance over a 50-foot obstacle?

GX _____ **G3** _____

45. What documents must be on board the aircraft for legal operation?

46. Generally speaking, when are the following inspections for these aircraft due?

Condition Inspection _____ Transponder _____

ELT Inspections _____ ELT Battery _____

Reviewed By: _____ Date: _____