Top diagram — MX20 front panel callouts

Left side labels (top to bottom):
- Graphic Display
- TO Waypoint Identifier
- Traffic Thumbnail
- Ownship
- Advisory Flags
- Data Flags
- Zoom (Map Scale)
- Message Flag
- Function Key
- Photosensor

Top labels:
- Graphic Display
- Traffic
- Obstruction
- Distance to Destination Wpt
- Bearing to Destination (TO) Wpt

Right side labels (top to bottom):
- Power/Dimming
- Line Select Keys
- Menu/Enter Key
- Data Card Ejector

Bottom labels:
- Smart Keys
- Smart Key Labels
- Mounting Screw
- Currently Selected Function
- Data Card

On-screen text:
- MFD
- *APOLLO* MX20
- Waypoint: + UAO
- HDG UP
- 5nm
- Wpt Bearing: 343
- TERR
- LT
- POS
- RTE
- ALT
- +34
- +02
- SLE
- 7S5
- -01
- Zoom:(Dtk Up) 15 ^n_m
- Alt: 500 f
- Baro: 31.17"
- Trk: 343°
- GS: 110 k
- Distance: 22.5 ^n_m
- MSG | In | Out | Pan | Info
- Custom Map
- ON OFF
- MENU ENTER
- FN

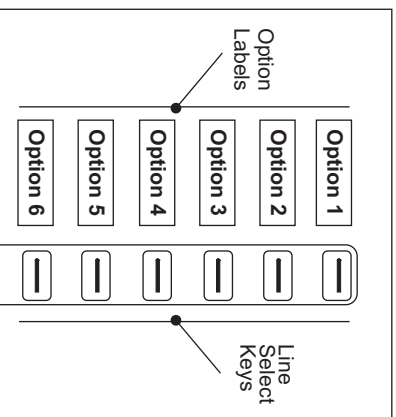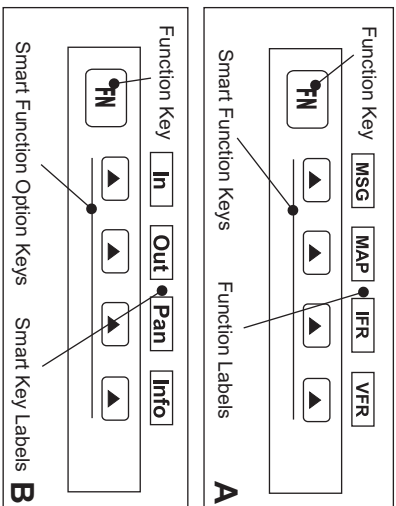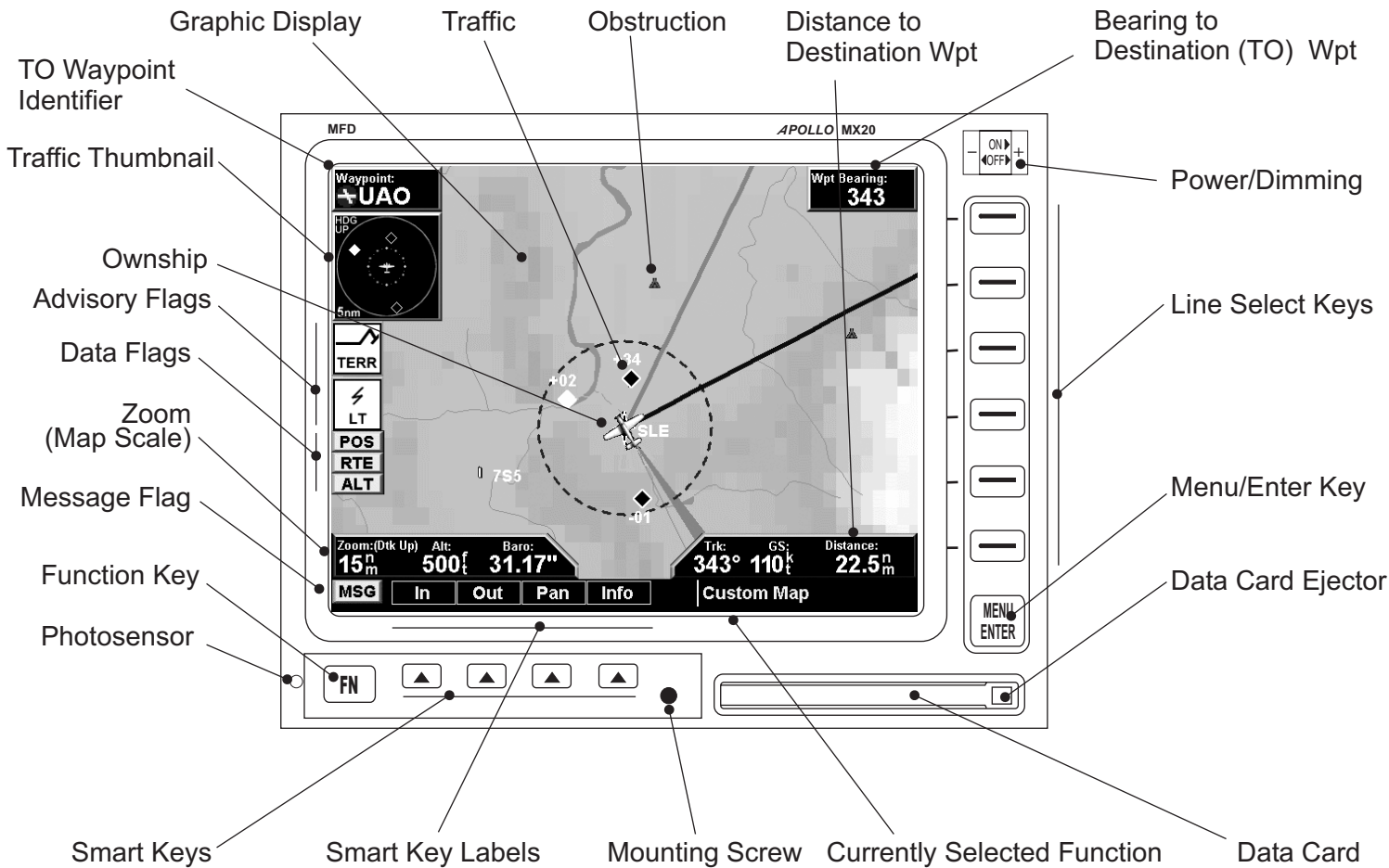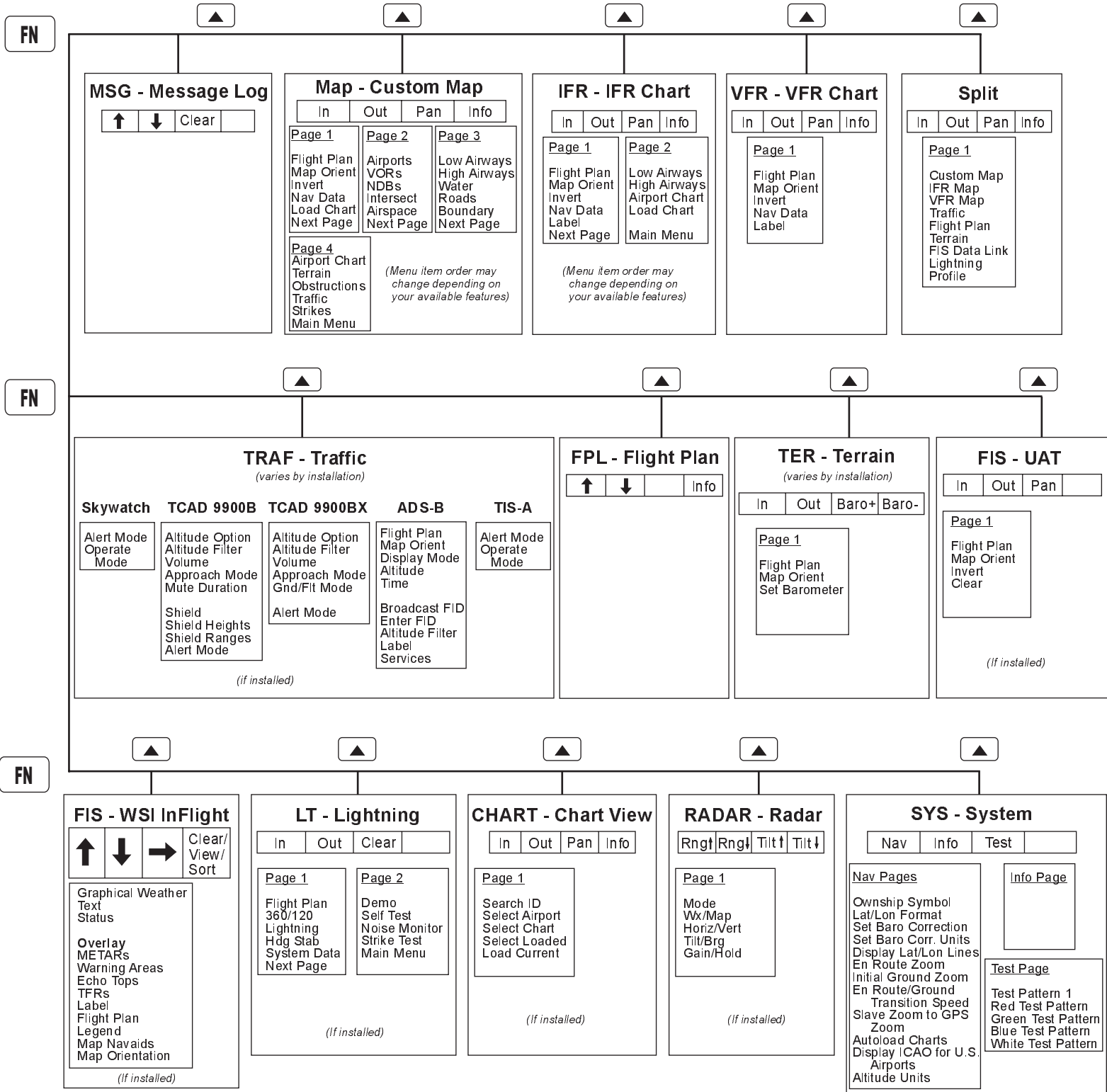The lower portion is rotated text of the Quick Reference Guide.

MX20 Quick Reference Guide

1. Turn the power on (press **+** key to turn power on. Press and hold both **+** and **-** keys to turn power off). The screen will remain dark for a short time while the MX20 performs preheat and self-test operations.

2. Adjust the brightness, if necessary. Press **+** to increase brightness. Press **-** to decrease brightness. To return to automatic brightness control press and hold both the **+** and **-** keys. Release the keys when they flash.

3. Check that all tests pass on the Start Up screen.

4. Press the **FN** key to view available functions.

5. Press the "smart" key below the function label to select the desired function. Press the **FN** key again to view functions. See Figure A.

6. Once a function is selected, the function labels change to give options for that function. Press the "smart" keys below the labels to choose options. See Figure B.

7. Once a function is selected, the **Menu/Enter** key is used to give additional options. See Figure C.

8. Press the **Line Select** key next to the displayed option to choose desired capabilities. Some options use multiple key presses for different states for the option. Press the **Menu/Enter** key again to extinguish the option display or it will extinguish automatically in 20 seconds. See Figure C.

9. Refer to the Detailed Operation section of the User's Guide for more details on each function.

Figure A
Function Key: **FN**
Smart Function Keys
Function Labels: **MSG** | **MAP** | **IFR** | **VFR**
Smart Key Labels

A

Figure B
Function Key: **FN**
Smart Function Option Keys
Function Labels: **In** | **Out** | **Pan** | **Info**
Smart Key Labels

B

Figure C
Option Labels: Option 6 | Option 5 | Option 4 | Option 3 | Option 2 | Option 1
MENU ENTER
Line Select Keys

C

Garmin footer.

FN

MSG - Message Log

↑ | ↓ | Clear

Map - Custom Map

In | Out | Pan | Info

Page 1
Flight Plan
Map Orient
Invert
Nav Data
Load Chart
Next Page

Page 2
Airports
VORs
NDBs
Intersect
Airspace
Next Page

Page 3
Low Airways
High Airways
Water
Roads
Boundary
Next Page

Page 4
Airport Chart
Terrain
Obstructions
Traffic
Strikes
Main Menu

(Menu item order may change depending on your available features)

IFR - IFR Chart

In | Out | Pan | Info

Page 1
Flight Plan
Map Orient
Invert
Nav Data
Label
Next Page

Page 2
Low Airways
High Airways
Airport Chart
Load Chart

Main Menu

(Menu item order may change depending on your available features)

VFR - VFR Chart

In | Out | Pan | Info

Page 1
Flight Plan
Map Orient
Invert
Nav Data
Label

Split

In | Out | Pan | Info

Page 1
Custom Map
IFR Map
VFR Map
Traffic
Flight Plan
Terrain
FIS Data Link
Lightning
Profile

FN

TRAF - Traffic
(varies by installation)

Skywatch
Alert Mode
Operate
Mode

TCAD 9900B
Altitude Option
Altitude Filter
Volume
Approach Mode
Mute Duration

Shield
Shield Heights
Shield Ranges
Alert Mode

TCAD 9900BX
Altitude Option
Altitude Filter
Volume
Approach Mode
Gnd/Flt Mode

Alert Mode

ADS-B
Flight Plan
Map Orient
Display Mode
Altitude
Time

Broadcast FID
Enter FID
Altitude Filter
Label
Services

TIS-A
Alert Mode
Operate
Mode

(if installed)

FPL - Flight Plan

↑ | ↓ | Info

TER - Terrain
(varies by installation)

In | Out | Baro+ | Baro-

Page 1
Flight Plan
Map Orient
Set Barometer

FIS - UAT

In | Out | Pan

Page 1
Flight Plan
Map Orient
Invert
Clear

(If installed)

FN

FIS - WSI InFlight

↑ | ↓ | → | Clear/View/Sort

Graphical Weather
Text
Status

Overlay
METARs
Warning Areas
Echo Tops
TFRs
Label
Flight Plan
Legend
Map Navaids
Map Orientation

(If installed)

LT - Lightning

In | Out | Clear

Page 1
Flight Plan
360/120
Lightning
Hdg Stab
System Data
Next Page

Page 2
Demo
Self Test
Noise Monitor
Strike Test
Main Menu

(If installed)

CHART - Chart View

In | Out | Pan | Info

Page 1
Search ID
Select Airport
Select Chart
Select Loaded
Load Current

(If installed)

RADAR - Radar

Rng↑ | Rng↓ | Tilt↑ | Tilt↓

Page 1
Mode
Wx/Map
Horiz/Vert
Tilt/Brg
Gain/Hold

(If installed)

SYS - System

Nav | Info | Test

Nav Pages
Ownship Symbol
Lat/Lon Format
Set Baro Correction
Set Baro Corr. Units
Display Lat/Lon Lines
En Route Zoom
Initial Ground Zoom
En Route/Ground
   Transition Speed
Slave Zoom to GPS
   Zoom
Autoload Charts
Display ICAO for U.S.
   Airports
Altitude Units

Info Page

Test Page
Test Pattern 1
Red Test Pattern
Green Test Pattern
Blue Test Pattern
White Test Pattern

Terrain Color Key

Red	Terrain that is at, or above, your current altitude
Yellow	Terrain that is within 500 ft of your current altitude.
Green	Terrain that is within 2000 ft of your current altitude.
Black	Terrain that is more than 2000 ft below your current altitude.
Light Blue	No terrain data is available.

Highest Terrain

Current Altitude

500 feet below your current altitude

2000 feet below your current altitude

More than 2000 feet below your current altitude