



Flight Light Inc.
2708 47th Ave.
Sacramento, California, U.S.A.
95822-3806



**MALSR System with
Remote Monitoring System (RMS)
Honeywell**

PH (916) 394-2800 FX (916) 394-2809
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MALSR System with Remote Monitoring System (RMS)

Model: GEA20-833

Three Intensity

The Honeywell MALSR System is a medium intensity approach lighting system that provides a visual lighting path for landing aircraft.

The MALSR system usually is a 2400-foot-long array of lights but can be longer or shorter depending on local terrain and requirements.

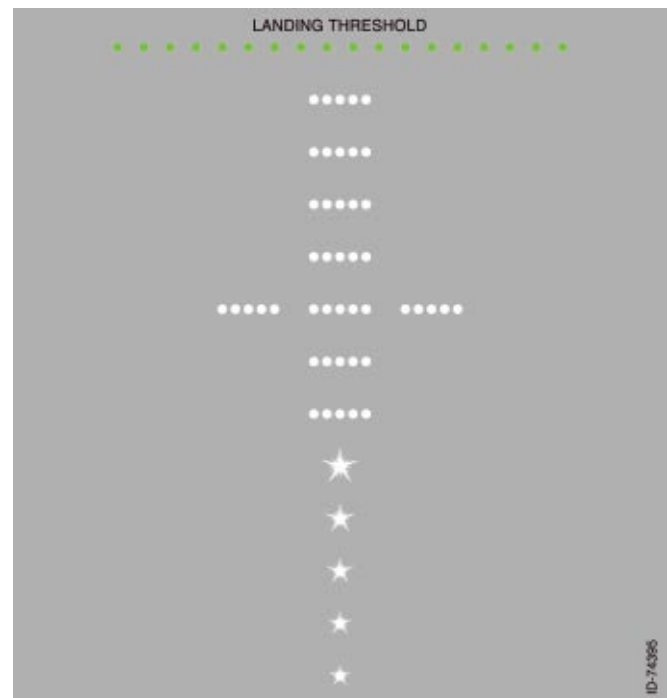
A typical MALSR system consist of the following light fixture components:

- 9 light bars each with 5 steady burning white PAR38 fixtures
- 5 sequence flashing white PAR56 fixtures
- Threshold bar of 18 steady burning green PAR56 fixtures.

The MALSR system can be mounted on 2-inch EMT, up to a 6-foot mounting height or on frangible towers over 6 feet.

System control of the sequence flashing lights is accomplished through the master controller selecting one of three light intensities: low, medium, or high. Both the sequence flashing and the steady burning light systems provide for either local or remote control.

The MALSR System is equipped with the Remote Monitoring Subsystem (RMS), which meets all FAA specifications required for operation with the FAA Maintenance Processing System (MPS). It is based upon a design modem and computer processor that has been proven in the Honeywell PAPI system developed under contract with FAA. RMS meets the requirements of NAS-MD-790 and NAS-MD-793.



Typical MALSR Layout

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MALSR System Components - GEA20-833

System Components	Qty	Part Number	Weight (lb)
Control cabinet, 20/240 V	1	GEA20358	70.0
Power supply, 120/240 V	5	GEA20359	80.0
Flash head	5	GEA20360	4.0
Cable assembly, 60 ft	5	GEA20151-1	5.0
Junction box	5	GEA20402	7.0
Flanges:			
- Floor	16	B1A0009SDE3	1.0
- Base	16	GEA20316-1	0.5
Transformer, 15 k Va	1	GEA20361	290.0
PAR38 fixture	45	GEA20460	1.0
PAR56 fixture	23	GEA20461	3.0
Filter, green	18	AP3510G	2.0
Aiming device, PAR38	1	GEA20515	0.1
Aiming device	1	GEA20520	0.5
Flasher tester	1	GEA20362-1	4.0
Transformer Assembly	1	TA000001	--
RMS Monitoring System	1	MN000001	--
Manual	1	TI6850.82	--

MALSR System Specification - GEA20-833

OPERATIONAL:		
Sequence flashing lights	Input power	120/240 V ac, 60 Hz; single-phase, 3-wire center tap
	Current	62.5 A ac
	Power	15 k Va
ENVIRONMENT:		
	Temperature	-55 to +55°C
	Relative humidity	0 to 95%
	Altitude	10,000 ft
PHOTOMETRIC:		
	High intensity	8,000 to 20,000 candela
	Medium intensity	800 to 2,000 candela
	Low intensity	150 to 450 candela
EQUIPMENT:	Sequence flashing FFA-E-2325a	
APPLICATIONS:	Category I	

MALSR System Components - GEA20-833

System Components	Qty	Part Number	Weight (lb)
MALSR spare parts trunk	1	+88A00100	--
Lamp, 300 W, 120 V	18	300PAR56/NSP	1.0
Lamp, 150 W, 20/20 A	45	150PAR56/SP	1.0
Transformer bases with cover	--	L-867B	--
Frangible tower assemblies	--	--	--

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