

# HOUSE BILL No. 5584

February 18, 1998, Introduced by Reps. Raczkowski, Gubow, Nye and Leland and referred to the Committee on Transportation.

A bill to amend 1945 PA 327, entitled "Aeronautics code of the state of Michigan," by amending sections 86a and 89 (MCL 259.86a and 259.89), section 86a as added and section 89 as amended by 1996 PA 370.

## THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

1       Sec. 86a. (1) Licensed aeronautical facilities shall be  
2 licensed under 1 of the following categories:

3       (a) Basic utility airport. A basic utility airport license  
4 shall be granted if the following minimum requirements are met:

5       (i) The airport has an airport manager licensed by the  
6 commission.

7       (ii) The airport contains a runway with a 1,200-foot landing  
8 length in each direction from a clear approach slope of 20 to 1.  
9 Unpaved runways ~~shall~~ have a minimum width of 50 feet with an  
10 additional 25 feet minimum width on each side clear of

1 obstructions. Paved runways ~~shall~~ have a minimum width of 25  
2 feet with an additional 38 feet minimum width on each side clear  
3 of obstructions.

4 (iii) The airport maintains a state primary surface for each  
5 runway clear of all obstructions. The state primary surface  
6 ~~shall be~~ IS at least 100 feet wide, ~~but no~~ AND NOT less than  
7 the width of the runway.

8 (iv) The airport maintains a state approach surface that  
9 extends outward and upward from the end of the state primary sur-  
10 face for a distance of 5,000 feet. The shape of the state  
11 approach surface is rectangular with a minimum width of 100 feet  
12 and a length of 5,000 feet. The width of the state approach sur-  
13 face ~~shall be~~ IS at least as wide as the width of the runway.  
14 The state approach surface extends for a horizontal distance of  
15 5,000 feet at a slope of 20 to 1 including 15 feet clearance over  
16 roads, 17 feet clearance over interstate highways, 23 feet clear-  
17 ance over railroads, and 25 feet clearance over property lines.  
18 The state approach surface begins at the runway end for unpaved  
19 runways.

20 (v) The airport establishes a permanent monument located on  
21 the centerline at or beyond each end of the runway.

22 (vi) The airport maintains the following pilot aids:

23 (A) Runway surface markings ~~shall~~ THAT conform to federal  
24 aviation administration published standards.

25 (B) A windcone.

1 (C) Airports with right traffic patterns ~~shall~~ have a  
2 segmented circle conforming to federal aviation administration  
3 published standards.

4 (D) Runway lighting, if available for public use, ~~shall~~  
5 ~~conform~~ CONFORMS to federal aviation administration standard  
6 color and layout.

7 (b) General utility airport. A general utility airport  
8 license shall be granted if the following minimum requirements  
9 are met:

10 (i) the airport has an airport manager licensed by the  
11 commission.

12 (ii) The airport contains a runway with a 1,800-foot landing  
13 length in each direction from a clear approach slope of 20 to 1.  
14 Unpaved runways ~~shall~~ have a minimum width of 100 feet. Paved  
15 runways ~~shall~~ have a minimum width of 35 feet.

16 (iii) The airport maintains a state primary surface for each  
17 runway clear of all obstructions. The state primary surface  
18 ~~shall be~~ IS at least 250 feet wide.

19 (iv) The airport maintains a state approach surface for each  
20 runway end that extends outward and upward from the end of the  
21 state primary surface for a distance of 5,000 feet. The shape of  
22 this approach surface is a trapezoid with a width of 250 feet at  
23 the runway end and expands uniformly to a width of 1,200 feet.  
24 The state approach surface extends for a horizontal distance of  
25 5,000 feet at a slope of 20 to 1, including 15 feet clearance  
26 over roads, 17 feet clearance over interstate highways, 23 feet  
27 clearance over railroads, and 25 feet clearance over property

1 lines. The state approach surface begins at the runway end for  
2 unpaved runways.

3 (v) The airport contains a permanent monument located on the  
4 centerline at or beyond each end of the runway.

5 (vi) The airport maintains the following pilot aids:

6 (A) Paved runways ~~shall~~ have centerline marking and runway  
7 numbering ~~conforming~~ THAT CONFORM to the published standards of  
8 the federal aviation administration.

9 (B) Unpaved runways marked in accordance with commission  
10 standards.

11 (C) ~~Any crosswind~~ CROSSWIND runways ~~must~~ meet minimum  
12 requirements set for a basic utility airport.

13 (D) A lighted windcone.

14 (E) Runway lighting ~~shall be~~ IS available from sunset to  
15 sunrise daily. Lighting configuration ~~shall~~ conform to the  
16 requirements of the federal aviation administration regarding  
17 standard color and layout.

18 (F) Airports with right traffic patterns ~~shall~~ have a seg-  
19 mented circle with traffic pattern indicators conforming to the  
20 published standards of the federal aviation administration.

21 (vii) The airport provides the following services:

22 (A) An administration building or terminal building with  
23 sanitary facilities available to the public.

24 (B) Adequate means to deter the unauthorized or inadvertent  
25 access to the aircraft operations area.

1 (C) A telephone AT A CLEARLY INDICATED LOCATION ON THE  
2 AIRPORT GROUNDS that is available to the public 24 hours daily.  
3 ~~on the airport and its location shall be clearly indicated.~~

4 (D) A formally adopted emergency service plan prepared by  
5 the airport owner.

6 (E) Airport rules and regulations that are adopted by the  
7 airport owner and available to the public.

8 (F) Itinerant aircraft parking and tie-downs, including ade-  
9 quate ropes, chains, or THE equivalent OF ROPES AND CHAINS.

10 (c) Air carrier airport. An air carrier airport license  
11 shall be granted if the following minimum requirements are met:

12 (i) The airport has an airport manager licensed by the  
13 commission.

14 (ii) The airport has a valid airport operating certificate,  
15 or a limited airport operating certificate, issued by the federal  
16 aviation administration regulations.

17 (d) Seaplane base. A seaplane base license shall be granted  
18 if the following minimum requirements are met:

19 (i) The airport has an airport manager licensed by the  
20 commission.

21 (ii) The airport contains at least 1 unobstructed straight  
22 line channel of at least 5,000 feet in length, and 200 feet in  
23 width.

24 (iii) The airport has a suitable float, mooring facility, or  
25 ramp at some point on the shore adjoining the landing area.

26 (iv) The airport provides and maintains a fire  
27 extinguisher.

1 (e) Heliport. A heliport license shall be granted if the  
2 following minimum requirements are met:

3 (i) The heliport has an airport manager licensed by the  
4 commission.

5 (ii) The heliport contains a length and width of the landing  
6 area of at least 1 1/2 times the length of the helicopter using  
7 the facility.

8 (iii) The heliport contains at least 2 heliport approach  
9 surfaces free of obstructions. The heliport approach surface  
10 begins at the end of the heliport landing area with the same  
11 width as the landing area, and extending outward and upward for a  
12 horizontal distance of 4,000 feet where its width is 500 feet.  
13 The slope of the approach surface is 8 to 1. Two of the heliport  
14 approach surfaces provided ~~shall be~~ ARE located ~~to provide~~ SO  
15 that their centerline ~~shall form~~ FORMS an arc of not less than  
16 90 degrees at their intersection. Each heliport approach surface  
17 ~~shall provide~~ PROVIDES an area suitable for an emergency land-  
18 ing during takeoff, climb-out and landing.

19 (iv) If a heliport is located on an elevated structure or  
20 roof, local building and fire codes ~~shall be~~ ARE complied  
21 with. The landing area ~~should be~~ IS designed to support 1.5  
22 times the maximum gross weight of the largest helicopter autho-  
23 rized to use the heliport. When applying for a license, the  
24 applicant ~~shall file~~ FILES a certificate signed by a profes-  
25 sional engineer registered in this state, certifying structural  
26 compliance of the heliport.

1 (v) The heliport contains a windcone or means of identifying  
2 wind direction.

3 (vi) Ground level heliports have operational areas fenced or  
4 marked with caution signs to prevent the inadvertent or unautho-  
5 rized entry of persons or vehicles.

6 (vii) Signs indicating a heliport ~~,~~ ARE located on ~~its~~  
7 THE HELIPORT'S perimeter.

8 (f) Hospital heliport. A hospital heliport license shall be  
9 granted if ALL OF the following minimum requirements are met:

10 (i) The hospital heliport ~~complies with all provisions of~~  
11 ~~subdivision (e)~~ IS RESERVED SOLELY FOR AIR AMBULANCE USE OR  
12 OTHER HOSPITAL-RELATED FUNCTIONS.

13 ~~(ii) The hospital heliport contains markings in conformance~~  
14 ~~with federal aviation administration published standards for hos-~~  
15 ~~pital heliports.~~

16 (ii) ~~(iii) Hospital heliports are reserved for aeromedical~~  
17 ~~or official hospital business flights only.~~ THE HOSPITAL HELI-  
18 PORT HAS AN AIRPORT MANAGER, APPOINTED BY THE HOSPITAL HELIPORT  
19 OWNER OR OPERATOR, WHO IS LICENSED BY THE COMMISSION WITHIN 90  
20 DAYS AFTER HIS OR HER APPOINTMENT.

21 (iii) THE HOSPITAL HELIPORT HAS A FINAL APPROACH AND TAKEOFF  
22 AREA, THE MINIMUM DIMENSIONS OF WHICH ARE AT LEAST 1-1/2 TIMES  
23 THE OVERALL LENGTH OF THE LARGEST HELICOPTER AUTHORIZED TO USE  
24 THE HOSPITAL HELIPORT.

25 (iv) THE FINAL APPROACH AND TAKEOFF AREA IS POSITIONED TO  
26 PROVIDE A MINIMUM SAFETY REGION OF AT LEAST 10 FEET OR 1/3 OF THE  
27 ROTOR LENGTH OF THE LARGEST HELICOPTER THAT WILL LAND AT THE

1 SITE, MEASURED FROM THE EDGE OF THE FINAL APPROACH AND TAKEOFF  
2 AREA TO THE OBSTACLE NEAREST THAT AREA.

3 (v) THE HOSPITAL HELIPORT HAS AT LEAST 1 APPROACH OR TAKEOFF  
4 PATH THAT IS ALIGNED AS NEARLY AS POSSIBLE WITH THE DOMINANT  
5 WINDS, BUT THAT MAY DEVIATE FROM THAT ALIGNMENT TO AVOID OBJECTS  
6 OR NOISE-SENSITIVE AREAS OR USE AIRSPACE ABOVE PUBLIC LANDS.

7 (vi) THE HOSPITAL HELIPORT IS CAPABLE OF BEING SECURED TO  
8 PROHIBIT THE INADVERTENT OR UNAUTHORIZED ENTRY OF PERSONS OR  
9 VEHICLES.

10 (vii) IF THE HELIPORT IS AT GROUND LEVEL, THE OPERATIONAL  
11 HELIPORT AREAS ARE FENCED OR MARKED WITH CAUTION SIGNS TO PRO-  
12 HIBIT THE INADVERTENT OR UNAUTHORIZED ENTRY OF PERSONS OR  
13 VEHICLES.

14 (viii) SIGNS INDICATING A HELIPORT ARE LOCATED ON THE  
15 HELIPORT'S PERIMETER.

16 (ix) THE TOUCHDOWN AND LIFTOFF AREA IS A PAVED HARD  
17 SURFACE.

18 (x) THE HOSPITAL HELIPORT HAS A LIGHTED WIND DIRECTION  
19 INDICATOR.

20 (xi) SUITABLE LIGHTING IS PROVIDED AT THE HOSPITAL  
21 HELIPORT'S PERIMETER FOR NIGHT OPERATIONS, AND THAT LIGHTING AT A  
22 MINIMUM INCLUDES LIGHTS AT EACH CORNER OF THE FINAL APPROACH AND  
23 TAKEOFF AREA.

24 (xii) IDENTIFICATION MARKINGS ARE PRESENT AT THE HOSPITAL  
25 HELIPORT SITE THAT CONFORM TO FEDERAL AVIATION ADMINISTRATION  
26 STANDARDS FOR HOSPITAL HELIPORTS.

1 (G) HOSPITAL HELISTOP. A HOSPITAL HELISTOP LICENSE SHALL BE  
2 GRANTED IF THE FOLLOWING MINIMUM REQUIREMENTS ARE MET:

3 (i) THE HOSPITAL HELISTOP HAS AN AIRPORT MANAGER, APPOINTED  
4 BY THE OWNER OR OPERATOR OF THE HOSPITAL HELISTOP, WHO IS  
5 LICENSED BY THE COMMISSION WITHIN 90 DAYS AFTER HIS OR HER  
6 APPOINTMENT.

7 (ii) THE HOSPITAL HELISTOP IS RESERVED SOLELY FOR AIR AMBU-  
8 LANCE USE OR OTHER HOSPITAL-RELATED FUNCTIONS.

9 (iii) THE HOSPITAL HELISTOP HAS AT LEAST 1 SUITABLE HELICOP-  
10 TER APPROACH PATH THAT IS IDENTIFIED AND FREE OF OBSTACLES.

11 (iv) THE HOSPITAL HELISTOP HAS A WIND DIRECTION INDICATOR.

12 (v) THE HOSPITAL HELISTOP HAS APPROPRIATE PERMANENT OR TEM-  
13 PORARY LIGHTING AVAILABLE FOR NIGHT OPERATIONS.

14 (vi) THE HOSPITAL HELISTOP HAS ADEQUATE SECURITY TO PREVENT  
15 BYSTANDERS FROM APPROACHING A HELICOPTER AS IT LANDS OR DEPARTS.

16 (2) A PILOT OF A HELICOPTER LANDING AT A HOSPITAL HELISTOP  
17 OR HELIPORT MUST RECEIVE PRIOR PERMISSION TO LAND AT THE HOSPITAL  
18 HELISTOP OR HELIPORT FROM THE HOSPITAL HELISTOP OR HELIPORT MAN-  
19 AGER OR HIS OR HER DESIGNEE.

20 Sec. 89. Sections 86, 86A, 86b, 86c, 87, and 88 do not  
21 apply to landing areas designated and operated for private use if  
22 commercial operations are not performed on the landing areas. A  
23 landing area for private use shall not be established, without  
24 commission approval, within 5 nautical miles of a public use  
25 facility certified by the commission.

26 Enacting section 1. This amendatory act does not take  
27 effect unless Senate Bill No. \_\_\_\_\_ or House Bill No. \_\_\_\_\_

1 (request no. 05749'98 \*) of the 89th Legislature is enacted into  
2 law.